COMPUTER SYSTEMS SOURCES

AN ONTARIO GUIDE TO CANADIAN PRODUCERS OF COMPUTERS, WORD PROCESSORS AND COMPONENTS, SOFTWARE AND SERVICES; ALSO CONSULTANTS.

Ontario

Minister of
Industry and
Trade

Hearst Block
Queen's Park
Toronto, Ontario
M7A 2E1
416/965-1617

A Message From The Minister Of Industry and Trade

The Ontario Government is concerned with the creation of jobs and investment in Canada. My Ministry has a number of programs designed to accomplish this objective. In one of our programs we strongly encourage all Ontario public bodies to maximize the Canadian content of the goods and services they acquire.

To purchase Canadian produced goods, public buyers must first have a good knowledge of Canadian producers and their products. In many cases failure to buy Canadian produced goods in the past has been the result of public buyers not knowing they were available.

My Ministry has tried to fill this information gap by participating in the publishing of a series of source directories dealing with commonly used products having a high import level. They include:

- Health Care
- Audio-Visual
- Educational Supplies
- Institutional Equipment and Furniture
- Tooling Industry
- Research and Laboratory Products
- Sporting Goods

The attached directory, "COMPUTER SYSTEMS SOURCES" is a very important addition to the above list of directories. This directory is designed to do two things:

1. Make the public aware of Canadian companies having a high value added to their products in Canada.
2. Make manufacturers of computer and related products aware of companies in Canada producing components, equipment and software they can use in their products.

I hope this directory will help you to find more of the products you need, in Canada.

Frank Miller

Frank S. Miller

COMPUTER SYSTEMS SOURCES

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GUIDE TO CLASSIFICATION CODES. . . . . back cover foldout

Purposes and Objectives of This Directory

This directory was developed in response to two expressed needs:

1. Management, systems and other consultants as well as industry wished to make themselves known to public purchasers.
2. Public organizations, in their desire to maximize the Canadian content of their purchases, wanted to know consultants, software producers and the manufacturers of high technology products in Canada.

It lists those who have independently expressed a desire to be on a government list of bidders. In addition, it lists those who have responded to newspaper and magazine ads run during the spring of 1983. The detail of profile information contained is dependent on which of these methods of response was used. Company profiles may be updated by contacting the Office of Procurement Policy within the Ministry of Industry and Trade.

To capture a significant share of the high technology market is a critically important task for Canada. The level of import penetration has risen over the past five years to reflect a trade deficit in excess of $3 billion. By selling to Ontario's public sector market, in addition to developing export markets, Canadian manufacturers can help to lower this deficit. They can prove that Canadian high technology products and services are highly competitive with their imported counterparts in price, quality and reliability.

The objective of this directory, therefore, is to increase the awareness of the 3,000 public purchasing bodies in Ontario of the growing number of Canadian companies who manufacture, service and distribute high tech products, in particular, computers, components, peripherals and software. It is also expected that the content and format of this publication will further increase productive interaction between companies, promote co-operation and expand research and development in the Canadian high technology sector.

Defining Canadian Content

All Ministries of the Ontario government and many provincially funded public bodies allow a price preference of 10 per cent for "Canadian content" when evaluating proposals. This preference policy assists firms in Canada to increase the Canadian content of purchases by Ontario public bodies, thus assuring that both Canada and Ontario receive maximum benefit in increased industrial development, employment and profits.

The percentages of Canadian content have been provided by the individual companies. The figures are based on the definition of Canadian content (see next page), developed by the Canadian General Standards Board and approved as a national standard (No. CAN 2-147.3-82) by the Standards Council of Canada, June 1982.

DEFINITION OF CANADIAN CONTENT

CANADIAN GENERAL STANDARDS BOARD
Standard for
DEFINITION OF CANADIAN CONTENT

1. SCOPE

This standard defines Canadian content and then gives explanations and examples of the terms in the definition. "Canadian content", frequently an important aspect of the procurement process, is here defined so that it can be considered from a common understanding.

2. DEFINITIONS

2.1 Canadian Content* is that portion of the selling price of a product or service associated with the work performed in Canada. Canadian Content may also be calculated as the selling price less the cost of directly and indirectly imported materials, labour, services and overhead.

2.1.1 Selling Price is the net selling price to the buyer after all discounts. It includes all applicable federal and provincial sales taxes, excise taxes and tariffs.

2.1.2 Cost of Direct Imports* is that portion of the selling price associated with directly imported materials, labour, services and overhead. It includes the tariffs and the cost of transportation to the Canadian place of importation (place where first landed in Canada).

2.1.3 Cost of Indirect Imports* is that portion of the selling price associated with the costs for materials, labour, services and overheads that, while obtained through a Canadian supplier, in fact originated outside of Canada.

3 EXAMPLES

To aid in the interpretation of several terms, the following examples are provided:

3.1 Cost of Direct Imports

3.1.1 *Directly Imported Material Cost* – the cost of an electric motor bought directly from a firm producing it outside Canada. The cost of import includes all duties paid and the transportation cost to the Canadian place of importation.

3.1.2 *Directly Imported Labour Cost* – the labour cost of sewing together, in a facility outside Canada, a glove from leather and other materials supplied from Canada.

3.1.3 *Directly Imported Service Cost* – the cost of design work performed outside Canada.

3.1.4 *Directly Imported Overhead Cost* – the royalties or management fees paid outside Canada.

3.2 Cost of Indirect Imports

3.2.1 *Indirectly Imported Material Cost* – the cost of an electric motor produced outside of Canada and purchased from a distributor located in Canada for incorporation into to product assembled or manufactured in Canada.

3.2.2 *Indirectly Imported Labour Cost* – the labour cost, to a company with manufacturing facilities in Canada, of testing products in facilities outside Canada.

3.2.3 *Indirectly Imported Service Cost* – the computer costs, to a Canadian firm that provides computer services, of using a computer outside Canada in providing those services.

4. NOTES

Examples of the calculation of Canadian Content as both a dollar value and a percentage of total net selling price, based on knowledge of either imported costs (4.1) or domestic costs (4.2), are given below.

4.1 Calculation Based On Knowledge of Imported Costs

A. Total Net Selling Price		$287,000
B. Imported Costs: Costs related to directly and indirectly imported materials, labour, services and overhead		
Materials (incl. Tariffs)		
– Direct	$ 35,000	
– Indirect	$ 18,000	
Labour		
– Direct	$ 20,000	
– Indirect	$ 3,000	
Services		
– Direct	$ 3,000	
– Indirect	–	
Transportation (to Place of Importation)	$ 4,000	
Overheads	$ 16,000	
	$ 99,000	$ 99,000
C. Canadian Content (line A minus line B)		$188,000
D. Percentage Canadian Content (line C) × 100 / (line A)		66%

4.2 Calculation Based On Knowledge of Domestic Costs

A. Total Net Selling Price		$287,000
B. Canadian Content – Costs related to domestic materials, labour, services, overheads, taxes and profits		
Domestic Costs		
Materials	$ 60,000	
Labour	$ 40,000	
Services	$ 2,500	
Transportation (within Canada)	$ 5,000	
Overheads (incl. profit)	$ 42,500	
Fed. & Prov. Taxes	$ 38,000	
	$188,000	$188,000
C. Percentage Canadian Content (line B) × 100 / (line A)		66%

*Reasonableness and materiality should apply when apportioning any of the above costs for foreign and domestic sources. Calculation of Canadian content should be based on information derived through generally accepted accounting principles.

HOW TO USE THIS DIRECTORY

The sourcing information is organized into 3 components:

Section A - PRODUCT KEYWORDS SHOWING CLASSIFICATIONS
Section B - PRODUCT CLASSIFICATIONS SHOWING POTENTIAL SUPPIERS
Section C - SUPPLIERS PROFILES

Potential Suppliers when completing their profiles used many different keywords to describe their products and services. The directory recognizes most of these descriptions, but also attempts to organize them into major classifications.

These classifications therefore are used as the connecting link between the product description and potential suppliers. The last section then expands the profile on the potential supplier to enable the persons looking for a product or service to select those who best supply their needs.

EXAMPLE

If you were looking for potential suppliers of micro-computers, Section A reveals the classification for MICROCOMPUTERS as being B005. Looking at Section B under B005 you see a number of suppliers alphabetically listed. Depending on your microcomputer needs, such as 8-bit, 16-bit, CP/M, APL, UNIX etc, you then examine the profiles in Section C. You can then select the potential suppliers suited to your needs.

Editing Criteria

- Many respondents provided lengthy marketing information. Of necessity we have edited the information to highlight significant facts.

- It was hoped that the profiles would clearly reveal those who manufactured as compared with those in the distribution chain. Unfortunately some confusion may have existed. Therefore, unless it was quite clear that a supplier actually had substantial value added in Canada, we put them in the various W000 classifications as a distributor of imported products and services.

- In the hardware classifications, respondents were asked to indicate the Canadian Content of their products in accordance with the CGSB definition shown in this directory. While a number have indicated their products as having 100% Canadian Content, it is well to remember such facts as:
  - There is no bauxite in Canada therefore aluminum products cannot be 100% Canadian content,

- There is little, if any, cotton grown in Canada,
- Other than a few custom chips made in Canada, most are imported,
- There are few, if any, floppy disks, disks drives and terminal keyboard mechanisms made in Canada.

- Where software was classified by the respondents we have basically not provided an edit, with a few exceptions.

In addition, respondents described their software products using many unique words. In Section A, therefore, over 300 software keywords are shown as "unclassified". Users of this directory may either search profiles in related classifications or contact the Office of Procurement Policy, Ministry of Industry and Trade for a specific computer search.

Office of Procurement Policy
Ministry of Industry and Trade
6th Floor, Hearst Block
900 Bay Street
Toronto, Ontario
M7A 2E1

(416) 965-1809

SECTION A

PRODUCT KEYWORDS SHOWING CLASSIFICATIONS

- Systems and Products Produced in Canada A-2
- Imported Products and Services Distributed in Canada A-3
- Software - Classified A-3
- Software - Unclassified A-4
- Consultants - Classified A-7

Systems and Products Produced in Canada

8 Bit Microcomputers............B005
16 Bit Microcomputers...........B005
32 Bit Microcomputers...........B005
Accoustic.......................C005
Aerial Survey Equipment.........C005
Aircraft Systems................B008
Anti-glare Screens..............B000
Anti-radiation Screens..........B000
Automatic Dialler...............O003
Boards..........................B000
Bubble Memory...................G003
Cabinets........................M001
Cables..........................B000
Cards...........................L000
Cartridges......................K001
Circuit Film Supplies...........B000
Circuiting Boards...............B000
Clean Air Work Stations.........M001
COM Equipment...................F004
Combustion Analysis Equipment...B008
Communications Cables...........B000
Communications Equipment........O003
Computer Controlled Equipment...C005
Computer Supplies and Expendables....................L000
Computerized Signs..............C005
Concentrators...................O004
Controllers.....................B000
Controllers.....................I000
Controls Boxes..................B000
Credit Verification Terminals...H001
Custom Coating-Computer Parts...B000
Digitizers......................C005
Disc Packs......................K001
Disk Drives.....................G001
Disk Packs......................K001
Display Terminals...............H001
Educational Microcomputer.......B005
Electrical Power Control........M002
Electro Optical Instruments.....C005
Electron Microscope.............C005
Electronic Typewriter Attachments.....................B000
Encryptors......................B000
Energy Management...............B008
Error Detection Units...........B000
Executive Microcomputers........B005
Facsimile.......................J001
Fibre Optics....................C005
Fibre Optics....................O003
Firmware........................B008
Flexible Discs..................K002
Flexible Disks..................K002
Floppy Disks....................K002
Floppy Drive Alignment Tester...B000
Floppy Drive Exerciser..........B000
Frames..........................B000
Furniture.......................M001
Gas Analysis Equipment..........B008
Graphic Display Controller Boards..........................B000
Graphics Systems................C002
Hard Copy Devices...............C004
Hoods...........................B000
Image Processing................O003
Industrial Controls.............C005
Infrared Screens................C005
Laboratory Automation...........B008
LAN Equipment...................C002
Laser...........................B005
Lasers..........................C005
Light Control Sleeves...........B000
Light Emitting Diodes...........C005
Local Area Network..............C002
Magnetic Card Readers...........D006
Magnetic Ink Character Recognition Equipment...........D006
Magnetic Media..................K001
Magnetic Media..................K002
Magnetic Media..................K003
Magnetic Tape Drives............G002
Magnetic Tape...................K003
Mainframes......................B001
Maintenance.....................B000
Material Handling Systems.......B008
Measurements....................C005
Medical Imaging.................C002
Membrane Switches...............C005
Memory Devices..................G003
Microcomputers..................B005
Microprocessor Controlled Equip.C005
Military Electronics............C005
Minicomputers...................B003
Modems..........................O003
Motors..........................B000
Multiplexors....................O004
Numeric Key Pads................B000
Optical Character Recognition Equipment.......................D008
Optical.........................C005
Panels..........................B000
PCB.............................B000
Peripheral Controllers..........I000
Plotters........................C004
Portable Microcomputers.........B005
Power Light Filter..............B000
Power Supply....................B000

Printed Circuit Boards	B000
Printed Wiring Boards	B000
Printer Dust Covers	B000
Printer Ribbons	L000
Printers	F002
Process Control Systems	B008
Remote Controls	B008
Repair	B000
Ribbons	L000
Security Equipment	M002
Security Systems	C005
Sheet Metal Components	B000
Signs - Computerized	C005
Solar Cells	C005
Special Purpose Logic Boards	B000
Speech Producing Device	D014
Stock Tab Forms	L000
Storage Equipment	M001
Support Equipment	M001
Tape - Magnetic	K003
Telemetry Systems	B008
Telephone Couplers	O003
Teleprinters	H003
Tempature Control	C005
Terminals	H001
Testing Equipment	M002
Thin and Thick Film Hybrids	B000
Toxic Gas	C005
Videotex	C002
Vinyl Terminal Dust Covers	B000
Voice Input/Output Equipment	D014
Wiring Harnesses	B000
Wiring	B000
Word Processor Attachments	B000
Word Processors	J001
Work Stations - Cleaning	M001

Service Bureaus	**O002**
Common Carriers	**O001**

Imported Products and Services Distributed in Canada

COM Equipment	W011
Computer Controlled Equipment	W016
Controllers	W004
Data Communitcations	W004
Disk Equipment	W006
Dust Control Equipment	W007
Furniture	W007
Graphic Systems	W002
Mainframe Computers	W002
Media Supplies	W008
Microcomputers	W002
Microprocessor Controlled Equip.	W016
Minicomputers	W002
Modems	W004
Multiplexors	W004
Plotters	W010
Printers	W011
Security Equipment	W007
Software	W012
Storage Equipment	W007
Tape Equipment	W013
Teleprinters	W014
Terminals	W014
Word Processors	W015

Software - Classified

Accounting	T004
Aerospace	T044
Agriculture	T006
Banking	X009
Bill of Material	T094
Billing	T004
Brokerage Houses	T091
Cable T.V.	T096
CAD	T019
CAI Academic Environment	T032
CAL Academic Environment	T032
CAI Business Environment	T020
CAL Business Environment	T020
CAM	T019
Chemicals and Allied Products	T016
Communications	T117
Communications Software	R004
Compilers	S001
Computer Aided Design	T019
Computer Aided Instruction/ Academic Enviroment	T032
Computer Aided Instruction/ Business Environment	T020
Computer Aided Learning/ Academic Enviroment	T032
Computer Aided Manufacturing	T019
Construction	T023
Credit Bureaus	T009
Credit	T009
Data Base	R001
Diagnosis	T050
Distribution	T074
Docket Scheduling	T064
Documentation	T120
Economic Modelling and Analysis	T070
Engineering Consulting	X102
Estate Planning	T091
Federal Government	T044

Financial Analysis and Reporting........................T037
Financial Management............T091
Financial Services..............X038
Fisheries........................T006
Forestries.......................T006
Graphics.........................T019
Health Services.................T047
Hospital Administration.........T051
Hospitality Industry............T039
Hospitals........................T047
Human Resources.................X086
Institutional Administration....T051
Instrumentation.................T093
Instruments.....................T093
Insurance........................T054
Inventory Control...............T094
Invoicing........................T004
Labour Accounting...............T085
Languages........................S001
Law Enforcement.................T064
Legal Services..................T064
Library..........................T067
Loan.............................T009
Local Government................T046
Machine Control.................T068
Mail List Management............T120
Management Consulting...........T132
Management Consulting - Policy Planning.........................X130
Management Consulting - Operations of management........X131
Marketing........................T074
Materials Planning..............T074
Mathematical Analysis...........T105
Medical Insurance Claims Billing..........................T076
Military.........................T044
Mining...........................T080
Natural Resources...............T080
Networking.......................R004
Newspaper........................T081
Office Automation...............T120
Oil/Gas Exploration.............T080
Operating Systems...............S007
Operational Management..........T132
Order Entry......................T074
Payroll..........................T085
Personnel........................T085
Personnel/Human Resources.......X086
Petroleum and Related Industries.......................T080
Pharmacy.........................T088
Physicians Billing..............T076
Policy Planning.................T132
Portfolio Analysis..............T091
Process Control.................T093
Production Control..............T094
Programming......................S010
Provincial Government...........T046
Pulp and Paper..................T080
Purchasing.......................T095
Radio............................T096
Real Estate......................T097
Research Analysis................T105
Research/Statutes/Regulations/Cases............................T064
Reservation Systems.............T100
Sales............................T074
Savings..........................T009
Scientific Consulting...........X102
Shop Floor Control..............T094
Statistical Analysis............T105
Statutes/Regulations............T045
Systems Development Aids........S010
Systems Analysis.................X106
T.V. Broadcasting...............T096
T.V. Cable.......................T096
Tax Packages.....................T004
Textiles/Clothing...............T111
Time Accounting.................T085
Time and Client Billing (Legal).T066
Traffic Control.................T113
Transportation Equipment........T117
Travel Agencies.................T100
Typesetting......................T081
Utilities........................T117
Utilities Software..............S010
Wood.............................T080
Word Processing (Legal)/Office Automation...............T066
Word Processing.................T120

Software - Unclassified

Absenteeism
Access Control
Accounts Payable
Accounts Receivable
Actuarial Computer Games
Advertising
Airline
Analysis
Antonyms
Apartment Directory
Architects
Assembler
Assets System
Associations
Async
Audio
Automated Warehouse
Automatic Billing
Automobile Dealerships
Banking
Basic

Batch Balancing
Bible
Biomedical
Bipolar
Bisync
Boards of Education
Broadcast
Broadcast Engineering
Broadcasting
Broker Agency Management
Brokerage
Bubble Memory
Building Automation
Building Management
Bulk Commodities
Bulk Filing
Business
Business Administration
Canadian Payroll Package
Capture
Career Planning
Cartography
Cash Letters
Cash Management
Chiropractors
Christian
Claims
Clerical
Clinical Application
College Administration
Combustion Analysis
Commerical Property
Community Information
Computer Aided Dispatch
Configuration Management
Conservation Authority
Consultation
Contractors
Corporate Tax
Cost Accounting
Cost/Benefit
CP/M
CPIC
Credit Card Verification
Credit Union
Critical Path
Crop
Cruise Compilation
Cryptography
Custom Interiors
Customs
Customs House
Damaged Disks
Data Base Manager
Data Directory
Data Logger
Data Retrieval
Data Security
Debug Software
Decision
Dentist
Diagnostic Medical Imaging
Digital Terrain Model
Direct Mail
Distributers
Doctor
Document Index
Drapery
Drill Hole
Drug Chain Industry
Econometric Analysis
Economic Statistics
Economics
Editor
EDP Auditing
Educational
Electrical
Electron Microscope
Electronic Mail
Electronic Messaging
Energy
Energy Audit
Energy Management
English
Entertainment
Enviromental
Estimating
Evaluation
Executive Education
Export Markets
Factory Automation
File Plans
Files
Financial
Financial Modelling
Financial Planning
Fleet Data
Food
Food Distribution
Foreign Language
Forestry
Freight
French
Fuel Force
Funeral Homes
Furniture Design
Games
Gas Analysis
General Business
General Ledger
Geochemical
Geographic

Geophysical
Government
Handicapped
Harvest Planning
Health Care
Hi-Tech Products in Export Market
High Rise Structures
Highway Design
Home Building
Homonyms
Hospital Admitting
Hospital Emergency
Hotel Management
Human Resources
Hydro
Hydrology Models
IBM
Ice Measurement
Image Processing
Importer/Distributor
Industrial Electronics
Information
Information Processing
Inquiring Techniques
Inspection
Institutional
Instruction
Investment Analysis
Jewelery Appraisal
Job Costing
Key Correct
Lab Data Analysis
Land Development
Lawyers
Leasing Analysis
Lessonware
Line Tracers
Livestock
Load Forecasting
Log Control
Log Production
Mail Order
Mailing Lists
Maintenance
Management Analysis
Manuals
Manufacturers
Mapping
Marine
Market Research
Material Distribution
Materials Handling
Mathematica
Mechanical
Medical Admissions
Medical Billing
Medical Central Patient Index
Medical Discharges
Medical Image
Medical Transfers
Medical/Dental
Medicare
Membership Lists
Memberships
Message Handling
Metal Fabricators
Micro
Microcomputers
Microrecording
Mineral
Mini
Monitoring
Mortgage
Motel Management
MS-DOS
MSDOS
Multi Plan
Multi-tasking
Municipalities
Natural
Network Control
Nomonyms
Non Profit Organizations
Nucleur Research
Numerical Control
Nursing Home
Office Directory
Operational Auditing
Operations
Optometrist
Page Creation
Parts Inventory
Password Validation
Patient Care
Patient Information
Performance Assessment
Personal Tax
Petrochemical
Petrophysical Evaluation
Pharmacy
Photocopier Studies
Photogrammetry
Physician
PORT
Power Meters
Precipitation Monitor
Prescription Management
Pricing

Printers
Problem Solving
Procedures Writing
Production Monitoring
Project Management
Property Management
Property Tax
Psychometric Assessement
Public Display
Public Utilities
Publishing
Purchase Order
Radar
Radio Communications
Real Estate
Real Time
Records Processing
Records Retention
Recreational
Reforestation
Repairs
Report Writer
Reservoir Evaluation
Residential Property
Restaurant
Retail Sales Tax
Reward Systems
Road Engineering
Roboting
Sales Analysis
Sales Management
School Administration
Scrambling
Screen Formatting
Scripting
Security
Shopping Center Directory
Silvicultural Record
Skyline Analysis
Small Business
Social Services
Software Seekers/Suppliers Matching
Sonar
Spanish
Spatial Analysis
Speech
Spelling
Sport
Sporting Geography
Spread Sheets
Steel Estimating
Stock and Bond Information
Strategic Planning
Structural
Student Attendence
Student Marks Reporting
Student Record Keeping
Student Registration
Student Scheduling
Surveillance
Survey
Synonyms
Telecommunication
Telemetry
Telephone Interviewing
Telephone Management
Television
Telidon
Test Systems
Testing
Text Editor
Text Processing
Time Accounting
Time Billing
Trade Development
Training
Trucking
Trustees
Tutorial
Typesetting
University Administration
Unix
Veterinary
Video-tex
Videodisc
Videodisk
Visual
Visual Arts
Vocational Assessement
Voice
Warehousing
Waste Water Treatment
Water Level
Water Purification
Weaponry
Welding
Wholesale
Work Simplification
Worker Automation
Xenix

Consultants-Classified

Accounting	X004
Agriculture	X006
Banking	X009
Cable T.V.	X096
CAD	X019
CAI Academic Enviroment	X032
CAM	X019

Chemicals and Allied Products	X016
Communications	X117
Computer Aided Design	X019
Computer Aided Instruction/ Academic Enviroment	X032
Computer Aided Learning/ Academic Enviroment	X032
Computer Aided Manufacturing	X019
Construction	X023
Credit Bureaus	X009
Credit	X009
Diagnosis	X050
Distribution	X074
Economic Modelling and Analysis	X070
Engineering Consulting	X102
Estate Planning	X091
Federal Government	X044
Financial Analysis and Reporting	X037
Financial Management	X091
Financial Services	X038
Fisheries	X006
Forestries	X006
Graphics	X019
Health Services	X047
Hospital Administration	X051
Hospitality Industry	X039
Hospitals	X047
Human Resources	X086
Institutional Administration	X051
Instrumentation	X093
Instruments	X093
Insurance	X054
Inventory Control	X094
Labour Accounting	X085
Law Enforcement	X064
Legal Services	X064
Library	X067
Loan	X009
Local Government	X046
Machine Control	X068
Mail List Management	X120
Management Consulting	X132
Policy Planning	X130
Management Consulting - Operations of management	X131
Marketing	X074
Mathematical Analysis	X105
Medical Insurance Claims Billing	X076
Military	X044
Mining	X080
Natural Resources	X080
Newspaper	X081
Office Automation	X120
Oil/Gas Exploration	X080
Operational Management	X132
Payroll	X085
Personnel	X085
Personnel/Human Resources	X086
Petroleum and Related Industries	X080
Pharmacy	X088
Physicians Billing	X076
Policy Planning	X132
Portfolio Analysis	X091
Process Control	X093
Production Control	X094
Provincial Government	X046
Pulp and Paper	X080
Purchasing	X095
Radio	X096
Real Estate	X097
Research Analysis	X105
Research/Statutes/Regulations/ Cases	X064
Reservation Systems	X100
Sales	X074
Scientific Consulting	X102
Statisical Analysis	X105
Statutes/Regulations	X045
Systems Analysis	X106
T.V. Broadcasting	X096
T.V. Cable	X096
Textiles/Clothing	X111
Time and Client Billing (Legal)	X066
Traffic Control	X113
Transportation Equipment	X117
Travel Agencies	X100
Typesetting	X081
Utilities	X117
Wood	X080
Word Processing (Legal)/ Office Automation	X066
Word Processing	X120

SECTION B

PRODUCT CLASSIFICATIONS SHOWING POTENTIAL SUPPLIERS

- HARDWARE MANUFACTURERS....................B-2
- SOFTWARE PRODUCERS........................B-11
- DISTRIBUTORS - HARDWARE/SOFTWARE.........B-48
- CONSULTING SERVICES.......................B-55
- CONSULTING SERVICES SUPPLEMENT...........B-78

HARDWARE MANUFACTURERS

B000- Computer System Components

COLUMBIA PLASTICS LTD.
D G W ELECTRONICS
DATA IMAGES
DATA-TEL
EPITEK INTERNATIONAL
FILDBRANDT PRECISION INDUSTRIES
FLECK MANUFACTURING
GANDALF (CIRCTRONICS DIVISON)
GARRETT MANUFACTURING
INTERNATIONAL CONNECTORS
J L D COMPUTER SERVICES
JAMES RIVER GRAPHICS
C.D. JOHNSON AND ASSOCIATES
LAMOURIE DATA PRODUCTS
LYNX TECHNOLOGY
MATROX
MEGATEL COMPUTER CORP.
MIRA ELECTRONICS
NOVATRONICS OF CANADA
PERIPHLEX INC.
PRESENTEY ENGINEERING PRODUCTS
SAMANDA OFFICE COMMUNICATIONS LTD.
SENTRY PRECISION SHEET METAL LTD.
SHAMROCK COMPUTER INC.
THOMPSON CUSTOM ELECTRONICS
TYCOR ELECTRONICS PRODUCTS
ULTRA LASERTECH INC.
ZEMOS SYSTEMS

B001 - Mainframes

BURROUGHS CANADA (54%)
BURROUGHS CANADA (75%
CONTROL DATA CANADA, LTD. (33%)
GEAC COMPUTERS INTERNATIONAL INC.
M A I CANADA LTD. (70%)
NCR CANADA LTD. (69%)
NIXDORF CANADA LTD. (68%)
PRIME COMPUTER OF CANADA LIMITED (55.6%)
TOUCHTEK (99%)

B003 - Minicomputers

BURROUGHS CANADA (54%)
BURROUGHS CANADA (75%)
COMPUTECH COMPUTER SERVICES (100%)
CONTROL DATA CANADA, LTD. (33%)
DATAPOINT CANADA INC. (60%)
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A I CANADA LTD. (70%)
NCR CANADA LTD. (67%)
NABU MANUFACTURING CORPORATION (80%)
NIXDORF CANADA LTD. (68%)
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS) (70+%)
PRIME COMPUTER OF CANADA LIMITED (55.6%)
TEKLOGIX Inc. (40%)
TOUCHTEK (99%)
XEROX CANADA INC.

B005 - Microcomputers

ADVANCED BUSINESS COMPUTER SYSTEMS INTERNATIONAL (N/P)
ADVANCED ELECTRONIC SYSTEMS LTD. (91%)
ALL COMPUTERS INC. (75%)
BURROUGHS CANADA (70%)
CEMCORP (95%)
COMPUTRONIC DATA SYSTEMS (N/P)
CONTROL DYNAMICS INC. (100%)
COVINGTON COMPUTER SYSTEMS CORP.
CYBERNEX LIMITED (N/P)
DAVID COMPUTERS INC. (N/P)
DY-4 SYSTEMS INC. (80%)
DYNALOGIC CORP. (N/P)
GENTIAN ELECTRONICS LTD.
HEWLETT-PACKARD (CANADA) LTD.
HONEYWELL LTD.
HYPERION (BYTEC) LTD.
INNOVATIVE COMPUTER SYSTEMS (N/P)
M A E MICRO SYSTEMS INC. (75%)
M C M COMPUTERS LTD. (N/P)
M P B TECHNOLOGIES INC. (N/P)
K.O. MAIR ASSOCIATES LIMITED (80%)
MEGATEL COMPUTER CORPORATION INC. (80%)
MINI-PERIPHERALS INC. (100%)
NABU MANUFACTURING CORPORATION (70%)
NELMA DATA CORP. (N/P)
NORPAK CORPORATION (80%)
NORTHERN TECHNOLOGIES LTD. (N/P)
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS) (70+%)
OLIVETTI CANADA LIMITED (20%)
SAMANDA OFFICE COMMUNICATIONS INC.(99%)
SIMTRON LIMITED
SPECTRIX MICROSYSTEMS INC. (75%)
T S I TRAINING SYSTEMS INTERNATIONAL INC. (85%)
TEKLOGIX Inc. (80%)
TOUCHTEK (99%)
VICTOR (CANADA) LIMITED (43%)
WARREN INSTROTECH LTD. (73%)
WYNCHESTER SYSTEMS AND ELECTRONICS INC. (N/P)

B008 - Process control systems

ACCURATE & AUTOMATIC SCALE COS. LTD.
ADAPTIVE MICROELECTRONICS LTD.
ADVANCED ELECTRONIC SYSTEMS LTD.
BAILEY CONTROLS
ROY BALL ASSOCIATES LTD.
CANADIAN APPLIED TECHNOLOGY
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER CRIME INVESTIGATIONS INC.
COMPUTER SIGN SYSTEMS LTD.
CONTRIC AUTOMATION LTD.
DATEK INDUSTRIES LIMITED
DIGIMICRO INC.
ESE LIMITED
B.J. GILES & ASSOCIATES LIMITED
HEWLETT - PACKARD (CANADA) LTD.
ITRES RESEARCH LIMITED
THE MICROELECTRONICS CENTRE
NOMIS COMPUTER SYSTEMS CORPORATION
OCTANT COMPUTERS INC.
PAYTON ASSOCIATES LIMITED
R A B DEDESCO LTD.
SPECTRIX MICROSYSTEMS INC.
TAURUS COMPUTER PRODUCTS INC.
TEKLOGIX Inc.
TOUCHTEK
WARREN INSTROTECH LTD.

C002 - Graphic systems/displays

ACCURATE & AUTOMATIC SCALE COS. LTD.
ADVANCED ELECTRONIC SYSTEMS LTD.
ASYNC CORPORATION
BURROUGHS CANADA
CANADIAN DRAFTING SYSTEMS
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER DISTRIBUTION INC.
CONTROL DATA CANADA, LTD.
CYMBOL CYBERNETICS CORPORATION
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
DIPIX SYSTEMS
ELECTROHOME ELECTRONICS
HEMTON CORPORATION
HEWLETT - PACKARD (CANADA) LTD.
IMAGE BASE VIDEOTEX DESIGN INC.
MPB TECHNOLOGIES
MATROX ELECTRONIC SYSTEMS LTD.
NORPAK CORPORATION
OCTANT COMPUTERS INC.
OMNITECH GRAPHICS SYSTEMS INC.
ORCATECH INC.
PLM WORD PROCESSING SERVICES
PATERSON-PHIPPS INTERNATIONAL INC.
PHOENIX AUTOMATION INC.
PICKER INTERNATIONAL CANADA
PRIME COMPUTER OF CANADA LIMITED
SENSTAR CORPORATION
SPECTRIX MICROSYSTEMS INC.
T I L SYSTEMS LIMITED
TOUCHTEK
VIDEOPRESS
WATERS SCIENTIFIC LTD.

C004 - Plotters/hard-copy devices

BURROUGHS CANADA
CONTROL DATA CANADA, LTD.
HEWLETT - PACKARD (CANADA) LTD.
PRIME COMPUTER OF CANADA LIMITED
TOUCHTEK

C005 - Computer/microprocessor controlled equipment

ADAPTIVE MICROELECTRONICS LTD.
ROY BALL ASSOCIATES LTD.
BURROUGHS CANADA
CAD/CAM GRAPHICS SYSTEMS LTD.
COMPUTECH COMPUTER SERVICES
COMPUTER CRIME INVESTIGATIONS INC.
CYBERNEX LIMITED
DEBRONE & ASSOCIATES
DIFFACTO LIMITED
DIPIX SYSTEMS
PRABIR DUTT & ASSOCIATES INC.
GEN-TEC INC.
B.J. GILES & ASSOCIATES LIMITED
HAZELCOM CORP.
HEWLETT [illegible]CKARD (CANADA) LTD.
INSTRUMAR LIMITED
MADSEN ELECTRONICS
MATROX ELECTRONIC SYSTEMS LTD.
THE MICROELECTRONICS CENTRE
MICRONET LIMITED
MIKADON COMPU-SERVE
MONITEQ LIMITED
MULTILEK INC.
OCTANT COMPUTERS INC.
PLM WORD PROCESSING SERVICES LIMITED
PATERSON-PHIPPS INTERNATIONAL INC.
PICKER INTERNATIONAL CANADA
PRIME COMPUTER OF CANADA LIMITED
RELTEK INC.
SCIEX INC.
SENSTAR CORPORATION
SIDUS SYSTEMS INC.
SIMTRON LIMITED
SPAR AEROSPACE LTD.
T I L SYSTEMS LIMITED
TEKTRONIX CANADA INC.
TOPPING ELECTRONICS LTD.
TOUCHTEK
TRANSDUCTION LTD.

D006 - Magnetic ink character recognition equipment

BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
COMPUTER CRIME INVESTIGATIONS INC.
HEWLETT - PACKARD (CANADA) LTD.
NCR CANADA LTD.
S.M.T.M. LTD.
NIXDORF CANADA LTD.
TOUCHTEK

D008 - Optical character recognition equipment

BURROUGHS CANADA
BURROUGHS CANADA
CANADA STAR CONSULTING
COMPUTECH COMPUTER SERVICES
HEWLETT - PACKARD (CANADA) LTD.
HITECH CANADA LIMITED
LEIGH INSTRUMENTS LTD
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NIXDORF CANADA LTD.
OLIVETTI CANADA LIMITED
S.M.T.M. LTD.
TOUCHTEK
ZVOOK CORPORATION

D014 - Voice input/output equipment

COMPUTER CRIME INVESTIGATIONS INC.
DATEK INDUSTRIES LIMITED
FOUNDATION ELECTRONIC INSTRUMENTS
HEWLETT - PACKARD (CANADA) LTD.
T S I TRAINING SYSTEMS INTERNATIONAL
TOPPING ELECTRONICS LTD
TOUCHTEK
VICTOR (CANADA) LIMITED
ZVOOK CORPORATION

F002 - Printers

ACCURATE & AUTOMATIC SCALE COS. LTD.
BAILEY CONTROLS
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
DATAPOINT CANADA INC.
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A E MICRO SYSTEMS INC.
M A I CANADA LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
OLIVETTI CANADA LIMITED
P L M WORD PROCESSING SERVICES LTD
PRIME COMPUTER OF CANADA LIMITED
TOUCHTEK
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED
XEROX CANADA INC.

F004 - COM Equipment

3M CANADA INC.
ADVANCED ELECTRONIC SYSTEMS LTD.
BURROUGHS CANADA
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
IMAPRO INC.
K.O. MAIR ASSOCIATES LIMITED
MACDONALD DETTWILER AND ASSOCIATES
NCR CANADA LTD.
NIXDORF CANADA LTD.
PRIME COMPUTER OF CANADA LIMITED
SAMANDA OFFICE COMMIUNICATIONS INC.
TOUCHTEK
VARLEY REPROGRAPHIC PRODUCTS LTD.
VICTOR (CANADA) LIMITED

G001 - Disk drives/subsystems

LOUIS ALBERT ASSOCIATES INC.
ALL COMPUTERS INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
CONTROL DYNAMICS INC.
COVINGTON COMPUTER SYSTEMS CORP.
DATAPOINT CANADA INC.
DYNALOGIC CORPORATION
FOUNDATION ELECTRONIC INSTRUMENTS
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A E MICRO SYSTEMS INC.
M A I CANADA LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
OLIVETTI CANADA LIMITED
P L M WORD PROCESSING SERVICES LTD.
PRIME COMPUTER OF CANADA LIMITED
SPECTRIX MICROSYSTEMS INC.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED

G002 - Magnetic tape drives/subsystems

3M CANADA INC.
LOUIS ALBERT ASSOCIATES INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
DATAPOINT CANADA INC.
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A E MICRO SYSTEMS INC.
M A I CANADA LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
PRIME COMPUTER OF CANADA LIMITED
SPECTRIX MICROSYSTEMS INC.
ULTEC COMPUTER CORPORATION

G003 - Memory devices/controller

LOUIS ALBERT ASSOCIATES INC.
ALL COMPUTERS INC.
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
COMPUTER CRIME INVESTIGATIONS INC.
CONTROL DATA CANADA, LTD.
DATAPOINT CANADA INC.
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A I CANADA LTD.
K.O. MAIR ASSOCIATES LIMITED
MEGATEL COMPUTER CORPORATION INC.
NCR CANADA LTD.
OLIVETTI CANADA LIMITED
P L M WORD PROCESSING SERVICES
LIMITED
PRIME COMPUTER OF CANADA LIMITED
SPECTRIX MICROSYSTEMS INC.
TARGA ELECTRONICS SYSTEMS INC.

H001 - Terminals

3M CANADA INC. (54%)
ACCURATE & AUTOMATIC SCALE COS. LTD. (80%)
ADDEUM ELECTRONICS (80%)
BURROUGHS CANADA (54%)
BURROUGHS CANADA (75%)
COMPUTECH COMPUTER SERVICES (100%)
COMPUTER SIGN SYSTEMS LTD. (90%)
COMTERM LIMITED
CONTROL DATA CANADA, LTD. (N/P)
CONTROL DYNAMICS INC. (50%)
DATA IMAGES INC.
DATAPOINT CANADA INC. (60%)
DYNALOGIC CORP.
ELECTROHOME ELECTRONICS (N/P)
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD. (66%)
INTERCONTINENTAL DATA CONTROL CORP.
INTERNATIONAL VERIFACT INC. (95.8%)
INTERGRATED COMMUNICATIONS SYSTEMS
M A E MICRO SYSTEMS INC. (65%)
M A I CANADA LTD. (60%)
K.O. MAIR ASSOCIATES LIMITED (70%)
MATROX ELECTRONIC SYSTEMS LTD. (60%)
NCR CANADA LTD. (71%)
NIXDORF CANADA LTD. (N/P)
NORPAK CORPORATION (80%)
OLIVETTI CANADA LIMITED (20%)
P L M WORD PROCESSING SERVICES LTD.
PICKER INTERNATIONAL CANADA (85%)
PRIME COMPUTER OF CANADA LIMITED (41.9%)
SPECTRIX MICROSYSTEMS INC. (N/P)
T I L SYSTEMS LIMITED (80%)
TEKLOGIX Inc. (80%)
TOUCHTEK
VICTOR (CANADA) LIMITED (N/P)
WESTINGHOUSE CANADA INC. (78%)

H003 - Teleprinters

3M CANADA INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMTERM LIMITED
HEWLETT - PACKARD (CANADA) LTD.
NIXDORF CANADA LTD.
PRIME COMPUTER OF CANADA LIMITED
TOUCHTEK

I000 - Peripheral controllers

ACCURATE & AUTOMATIC SCALE COS. LTD.
LOUIS ALBERT ASSOCIATES INC.
ALL COMPUTERS INC.
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
DATAPOINT CANADA INC.
HEWLETT - PACKARD (CANADA) LTD.
ITRES RESEARCH LIMITED
M A E MICRO SYSTEMS INC.
M A I CANADA LTD.
MATROX ELECTRONIC SYSTEMS LTD.
MIKADON COMPU-SERVE
NCR CANADA LTD.
OFFICE WORLD
OLIVETTI CANADA LIMITED
PRIME COMPUTER OF CANADA LIMITED
SAMANDA OFFICE COMMUNICATIONS
T I L SYSTEMS LIMITED
T S I TRAINING SYSTEMS INTERNATIONAL
TOUCHTEK
WESTINGHOUSE CANADA INC.

J001 - Word processing

ALL COMPUTERS INC. (75%)
BURROUGHS CANADA (54%)
BURROUGHS CANADA (75%)
COMPUTRONIC DATA SYSTEMS
CONTROL DYNAMICS INC. (100%)
DATAPOINT CANADA INC. (65%)
GEAC COMPUTERS INTERNATIONAL INC.
HEWLETT - PACKARD (CANADA) LTD.
M A I CANADA LTD. (80%)
MEGATEL COMPUTER CORPORATION INC. (75%)
MICOM CO. (80%)
NCR CANADA LTD. (N/P)
NABU MANUFACTURING CORPORATION (80%)
NIXDORF CANADA LTD. (N/P)
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS) (70+%)
OLIVETTI CANADA LIMITED (20%)
P L M WORD PROCESSING SERVICES LTD.
PRIME COMPUTER OF CANADA LIMITED (41.9%)
SAMANDA OFFICE COMMUNICATIONS INC.
SIMTRON LIMITED (75%)
SPECTRIX MICROSYSTEMS INC. (N/P)
TOUCHTEK
ULTEC COMPUTER CORPORATION (71.4%)
VICTOR (CANADA) LIMITED (N/P)
XEROX CANADA INC. (55%)

J002 - Facsimile

3M CANADA INC.
A E S DATA LIMITED
BURROUGHS CANADA
OLIVETTI CANADA LIMITED
TOUCHTEK
XEROX CANADA INC.

K001 - Disk packs and cartridges

3M CANADA INC.
ALL COMPUTERS INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
HEWLETT - PACKARD (CANADA) LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
TRANSDUCTION LTD.
VICTOR (CANADA) LIMITED

K002 - Flexible disks

3M CANADA INC.
ALL COMPUTERS INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
HEWLETT - PACKARD (CANADA) LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
P L M WORD PROCESSING SERVICES LTD.
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED

K003 - Magnetic tape media

3M CANADA INC.
BURROUGHS CANADA
BURROUGHS CANADA
COMPUTECH COMPUTER SERVICES
CONTROL DATA CANADA, LTD.
HEWLETT - PACKARD (CANADA) LTD.
K.O. MAIR ASSOCIATES LIMITED
NCR CANADA LTD.
NIXDORF CANADA LTD.
TRANSDUCTION LTD.

L000 - Computer supplies and expendables

ALPHAFORM EXHIBITS & DESIGN INC.
ALPHATEL SYSTEMS LTD.
ANTI-GLARE MATERIAL CANADA INC.
ARMCO ELECTRONICS INC.
BURROUGHS CANADA
COMPUTER CRIME INVESTIGATIONS INC.
DATA-TEL SERVICES INC.
DATA RIBBON LIMITED
DATAPOINT CANADA INC.
DAY SPECIALTIES COMPANY LIMITED
HEWLETT - PACKARD (CANADA) LTD.
LAMOURIE DATA PRODUCTS
PRO-CAN COMPUTER PRODUCTS LIMITED
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.

M001 - Furniture/storage/support

ADEUM ELECTRONICS
ADVANCED ELECTRONIC SYSTEMS LTD.
LOUIS ALBERT ASSOCIATES INC.
ALPHAFORM EXHIBITS & DESIGN INC.
BURROUGHS CANADA
BURROUGHS CANADA
CANADIAN CABINETS CO. LIMITED
CENTRIFUGAL COATERS
DATA RIBBON LIMITED
DASCO DATA PRODUCTS
EXECUNET CORPORATION
FILDEBRANDT PRECISION INDUSTRIES
HEWLETT - PACKARD (CANADA) LTD.
HIROSS LTD.
MIKADON COMPU-SERVE
MINEC LTD.
NCR CANADA LTD.
OFFICE WORLD
P L M WORD PROCESSING SERVICES LTD.
PRESENTEY ENGINEERING PRODUCTS LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED
VISIRECORD SYSTEMS CANADA LTD.

M002 - Electrical power control, Testing & Security equipment

3M CANADA INC.
ADAPTIVE MICROELECTRONICS LTD.
ADEUM ELECTRONICS
ADVANCED ELECTRONIC SYSTEMS LTD.
LOUIS ALBERT ASSOCIATES INC.
BURROUGHS CANADA
BURROUGHS CANADA
CANADA STAR CONSULTING
COMPUTECH COMPUTER SERVICES
COMPUTER CRIME INVESTIGATIONS INC.
CONSULTRONICS LTD.
DONAGA ELECTRONICS LTD.
FAIRCHILD TEST SYSTEMS
FOUNDATION ELECTRONIC INSTRUMENTS
LYNX TECHNOLOGY INC.
MECHRON ENERGY LTD.
NCR CANADA LTD.
SENSTAR CORPORATION
THALAMUS ELECTRONICS INC.
TRIONICS COMMUNICATIONS SYSTEMS LTD.
TYCOR ELECTRONIC PRODUCTS (1983) LTD.
ZEMOS SYSTEMS LIMITED

O001 - Common carriers

CENTRALIZED INSURANCE MANAGEMENT LTD.
COMPUTECH COMPUTER SERVICES
PLM WORD PROCESSING SERVICES LIMITED
I.P. SHARP ASSOCIATES LTD.
TELESAT CANADA
TOPPING ELECTRONICS LTD.

0002 - Service bureaus

ACCURATE & AUTOMATIC SCALE COS. LTD.
LOUIS ALBERT ASSOCIATES INC.
CENTRALIZED INSURANCE MANAGEMENT LTD.
COHESIVE COMPUTER SYSTEMS LTD.
COMMUNICATIONS ANIMA Ltee
COMPUTECH COMPUTER SERVICES
COMPUTER SIGN SYSTEMS LTD.
COMPUTERTIME NETWORK CORPORATION
CONTROL DATA CANADA, LTD.
DANDCO ENTERPRISES LIMITED
FILOTTI INDUSTRIES INC.
INTERNATIONAL SYSTCOMS LTD.
J L D COMPUTER SERVICES, INC.
KEYSOFT INTERNATIONAL LIMITED
M A E MICRO SYSTEMS INC.
MINICOM DATA CORPORATION
NCR CANADA LTD.
NETWORK TECHNOLOGIES UNLIMITED
PLM WORD PROCESSING SERVICES LTD.
I.P. SHARP ASSOCIATES LTD.
ST. CLAIR VIDEOTEX DESIGN INC.
ZEMOS SYSTEMS LIMITED

0003 - Modems/Telephone couplers/ Communications support equipment

3M CANADA INC.
AEL MICROTEL LIMITED
ADVANCED ELECTRONIC SYSTEMS LTD.
LOUIS ALBERT ASSOCIATES INC.
ALLCOM DATA LIMITED
BURROUGHS CANADA
CANADA STAR CONSULTING
CANSTAR
COM DEV
COMPUTECH COMPUTER SERVICES
COMPUTER CRIME INVESTIGATIONS INC.
COMPUTERTIME NETWORK CORPORATION
CONTROL DATA CANADA, LTD.
DATAPOINT CANADA INC.
DICTOGRAPH MARKETING COMPANY
ESE LIMITED
FILOTTI INDUSTRIES INC.
FOUNDATION ELECTRONIC INSTRUMENTS
M A E MICRO SYSTEMS INC.
K.O. MAIR ASSOCIATES LIMITED
MIRA ELECTRONICS LIMITED
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS)
P L M WORD PROCESSING SERVICES LTD.
SPECTRIX MICROSYSTEMS INC.
VICTOR (CANADA) LIMITED
WARREN INSTROTECH LTD.

SOFTWARE PRODUCERS

Companies preceeded by an asterisk (*) offer consulting as well as software in these areas.

R001 - Data Base

ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
ALL COMPUTERS INC.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDYNE COMPUTING LIMITED
*ANTARES COMPUTER SERVICES INC.
*ASKEY SYSTEMS GROUP
*ASSOCIATED ENGINEERING SERVICES LTD.
*AUTOMATED MICRO SYSTEMS
*AVCOR (Division of Southam Communications)
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
BAILEY & ROSE LTD. (Head Office)
BASIC SOFTWARE GROUP
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*CANADIAN SOFTWARE DISTRIBUTORS
*CANEADA ASSOCIATES LIMITED
*CAPP CONSULTANTS INC.
*COHESIVE COMPUTER SYSTEMS LTD.
COMPUFLOW
COMPUTECH COMPUTER SERVICES
*COMPUTER APPLICATION TECHNIQUES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*CONTROL DYNAMICS INC.
*CONTROL MANAGEMENT CO.
*BRUCE COOK AND ASSOCIATES
CYCARE SYSTEMS CANADA LTD.
*D & S PETROLEUM CONSULTING GROUP
D E SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATALINE INC.
DATAMEX LTD.
*DATAPOINT CANADA INC.

R001 - Data Base con't

DATASOFT DYNAMICS CORP. LTD.
*DEBRONE & ASSOCIATES
DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
*DELTA-SIGMA SYSTEMS LTD.
DOMUS SOFTWARE LIMITED
DY-4 SYSTEMS INC.
EPS CONSULTANTS
*EBRYS SYSTEMS CANADA INC.
*ECLECTECH SOFTWARE
EIDETIC SYSTEMS CORPORATION
*ENGINEERING INTERFACE LTD.
*FAXTEL INFORMATION SYSTEMS LIMITED
*THE GENESYS GROUP
GENTIAN ELECTRONICS LTD.
GEO KARTOGRAPHICS
*B.J. GILES & ASSOCIATES LIMITED
GUELPH CENTRAL COMPUTER SERVICES
*HEWLETT - PACKARD (CANADA) LTD.
*HITECH CANADA LIMITED
HOFSTETTER BUSINESS PRODUCTS LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
HONEYWELL LIMITED
*HUMAN COMPUTING RESOURCES GROUP
WILLIAM G. HUTCHISON AND COMPANY
HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INFODYNE CORPORATION
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
KENDRICK, CLARKE INC.
*KEYSOFT INTERNATIONAL LIMITED
*LOGICAID LIMITED
M I S CONSULTANTS
*M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MARFLEET ASSOCIATES INC.
MEGATEL COMPUTER CORPORATION INC.
*MICRO MEGABYTE
MICROWEST DISTRIBUTING LTD.
*MIKADON COMPU-SERVE
*MINEC LTD.
*MINITRONICS OF CANADA LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NEXUS COMPUTER CONSULTANTS INC.
NIXDORF CANADA LTD.
*NUMETRIX LIMITED

R001 - Data Base con't

OCEANIC INFORMATION SYSTEMS INC.
OLIVETTI CANADA LIMITED
*P W T COMPUTER GROUP LTD.
*PERIPHLEX INCORPORATED
*POLARIS TECHNOLOGY CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRO-LINE SOFTWARE LTD.
*PRONET MICRO SYSTEMS INC.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
*PROVINCIAL BUSINESS SYSTEMS INC.
*PULSE MICROSYSTEMS LTD.
REF COMPUTER CORPORATION
*RHODNIUS INCORPORATED
*RICHARDSON PROFIT SYSTEMS CORP
*GORDON RIPLEY & COMPANY
*ROBERTSON NICKERSON LIMITED
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SOFTWARE DESIGN
*THE SOFTWARE GROUP
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
SUN COMPUTERS LTD.
SYDNEY DEVELOPMENT CORPORATION
*SYSTEMHOUSE LTD.
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*TEDAC COMPUTER SERVICES
*TOM THORNE ASSOCIATES LTD.
*TORDATA SERVICES LTD.
ULTEC COMPUTER CORPORATION
*VERICOM SYSTEMS LTD.
*VERSATERM SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*VIDEOPRESS
*W5 ASSOCIATES INC.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.
*XENOS COMPUTER SYSTEMS INC.
*YORK-SIMCOE COMPUTING SERVICES

R004 - Communications/networking

*ACCURATE & AUTOMATIC SCALE COS. LTD.
ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDYNE COMPUTING LIMITED
*ASSOCIATED ENGINEERING SERVICES LTD.
*AUTOMATED MICRO SYSTEMS
*AVCOR (Division of Southam Communications)
BMB COMPUSCIENCE CANADA LTD.
BAILEY CONTROLS
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*CENTRALIZED INSURANCE MANAGEMENT LTD
*COHESIVE COMPUTER SYSTEMS LTD.
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
CYCARE SYSTEMS CANADA LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATALINE INC.
*DATAPOINT CANADA INC.
*DATEK INDUSTRIES LIMITED
*DE KONING SOFTWARE ASSOCIATES INC.
*DELTA-SIGMA SYSTEMS LTD.
*DIGIMICRO INC.
DOMUS SOFTWARE LIMITED
DY-4 SYSTEMS INC.
*EBRYS SYSTEMS CANADA INC.
*ECLECTECH SOFTWARE
EIDETIC SYSTEMS CORPORATION
*ELECTROHOME ELECTRONICS
*ENCOM INFORMATION SYSTEMS INC.
*FAXTEL INFORMATION SYSTEMS LIMITED
*THE GENESYS GROUP
GENTIAN ELECTRONICS LTD.
*B.J. GILES & ASSOCIATES LIMITED
*HEWLETT - PACKARD (CANADA) LTD.
*HITECH CANADA LIMITED
HONEYWELL LIMITED
*HUMAN COMPUTING RESOURCES CORP.
HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION

R004 - Communications/networking con't

*INTELLITECH CANADA LTD.
*IOTA CONSULTING LIMITED
*KEYSOFT INTERNATIONAL LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
*MARFLEET ASSOCIATES INC.
MEGATEL COMPUTER CORPORATION INC.
THE MICROELECTRONICS CENTRE
*MICROSTAR SOFTWARE LTD.
*MIKADON COMPU-SERVE
*MINEC LTD.
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./ MOMENTUM SOFTWARE CORPORATION
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NEXUS COMPUTER CONSULTANTS
NIXDORF CANADA LTD.
NOMIS COMPUTER SYSTEMS CORPORATION
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS)
*NUMETRIX LIMITED
OCEANIC INFORMATION SYSTEMS
OLIVETTI CANADA LIMITED
*P W T COMPUTER GROUP LTD.
*PATERSON-PHIPPS INTERNATIONAL INC.
*POLARIS TECHNOLOGY CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRO-LINE SOFTWARE LTD.
*PRONET MICRO SYSTEMS INC.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
*PROVINCIAL BUSINESS SYSTEMS INC.
*PULSE MICROSYSTEMS LTD.
*RECOGNITION EQUIPMENT (CANADA) LTD.
*GORDON RIPLEY & COMPANY
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEMHOUSE LTD.
TEO COMPUTERS & PERIPHERALS INC.
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*T S I TRAINING SYSTEMS INTERNATIONAL
*TEAM APPROACH LTD.

R004 - Communications/Networking con't

TRANSDUCTION LTD.
*TOM THORNE ASSOCIATES LTD.
ULTEC COMPUTER CORPORATION
*VERSATERM SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTINGHOUSE CANADA INC.
*WYCOVE SYSTEMS LIMITED
*XENOS COMPUTER SYSTEMS INC.
*YORK CENTRAL HEALTH SYSTEMS INC.

S001 - Compilers/languages

*ADVANCED ELECTRONIC SYSTEMS LTD.
ALL COMPUTERS INC.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDYNE COMPUTING LIMITED
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*COHESIVE COMPUTER SYSTEMS
*CENTRALIZED INSURANCE MANAGEMENT
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
CUSTOM MICRO SYSTEMS LTD.
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAMEX LTD.
*DATAPOINT CANADA INC.
DATATECH SYSTEMS LTD.
DELTA BETA CAREER DEVELOPMENT
SYSTEMS INC.
DY-4 SYSTEMS INC.
*EPS CONSULTANTS
GENTIAN ELECTRONICS LTD.
*HEWLETT - PACKARD (CANADA) LTD.
*HUMAN COMPUTING RESOURCES CORP.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
*KEYSOFT INTERNATIONAL LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
*MARFLEET ASSOCIATES INC.
*MIKADON COMPU-SERVE
*MINEC LTD.
*MOMENTUM MANAGEMENT SYSTEM
INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NIXDORF CANADA LTD.

S001 - Compilers/languages con't

NORTHERN TELECOM LIMITED E.O.S.
DIVISION (NTLEOS)
OLIVETTI CANADA LIMITED
*PATERSON-PHIPPS INTERNATIONAL INC.
*POLARIS TECHNOLOGY CORPORATION
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRO-LINE SOFTWARE LTD.
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEMHOUSE LTD.
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*TEAM APPROACH LTD.
*VICTOR (CANADA) LIMITED
*VICTOR (CANADA) LIMITED
*W5 ASSOCIATES INC.
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*WYCOVE SYSTEMS LIMITED
*XENOS COMPUTER SYSTEMS INC.

S007 - Operating systems

*ACCURATE & AUTOMATIC SCALE COS. LTD.
ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
ALL COMPUTERS INC.
ALTERNATIVE THREE SYSTEMS LTD.
*ANDYNE COMPUTING LIMITED
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*COHESIVE COMPUTER SYSTEMS INC.
*COMPUGEN SYSTEMS INC.
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
CYCARE SYSTEMS CANADA LTD.
*DATALINE INC.
*DATAPOINT CANADA INC.
DATAPULSE CORP.
DATATECH SYSTEMS LTD.
*DE KONING SOFTWARE ASSOCIATES INC.
*DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
DY-4 SYSTEMS INC.
*EIDETIC SYSTEMS CORPORATION
GENTIAN ELECTRONICS LTD.
GUELPH CENTRAL COMPUTER SERVICES
*H-F COMPUTING SERVICES INC.
*HEWLETT - PACKARD (CANADA) LTD.
HONEYWELL LIMITED
HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
*MARFLEET ASSOCIATES INC.
MEGATEL COMPUTER CORPORATION INC.
*MIKADON COMPU-SERVE
*MINDORFF AND ASSOCIATES
*MINEC LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
*MULTILEK INC.

S007 - Operating systems con't

NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NIXDORF CANADA LTD.
OCEANIC INFORMATION SYSTEM INC.
OLIVETTI CANADA LIMITED
ORCATECH INC.
*PLM WORD PROCESSING SERVICES LTD.
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRONET MICRO SYSTEMS INC.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
QUANTEM SOFTWARE SYSTEMS LTD.
R-CUBED SOFTWARE HOUSE
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEMHOUSE LTD.
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*TEAM APPROACH LTD.
*VICTOR (CANADA) LIMITED
*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.
*XENOS COMPUTER SYSTEMS INC.
*ZEMOS SYSTEMS LIMITED

S010 - Utilities/Programming and System development aids

ACCUGRAPH CORP.
*ADVANCED ELECTRONIC SYSTEMS LTD.
ALL COMPUTERS INC.
*ALTMAN & ASSOCIATES INC.
*ANDYNE COMPUTING LIMITED
*ANTARES COMPUTER SERVICES INC.
*ASKEY SYSTEMS GROUP
*ASSOCIATED ENGINEERING SERVICES LTD.
AURORA SOFTWARE INC.,
*AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*CENTRALIZED INSURANCE MANAGEMENT
*COHESIVE COMPUTER SYSTEM LTD.
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*CONTROL DYNAMICS INC.
CUSTOM MICRO SYSTEMS LTD.
CYCARE SYSTEMS CANADA LTD.
*DANDCO ENTERPRISES LIMITED
*DATA KINETICS LTD.
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAMEX LTD.
*DATAPOINT CANADA INC.
DATATECH SYSTEMS LTD.
*DE KONING SOFTWARE ASSOCIATES INC.
DESCARTES SYSTEMS GROUP INC.
*DIGITAL RESOURCE SYSTEMS LTD.
DOMUS SOFTWARE LIMITED
*PRABIR DUTT & ASSOCIATES INC.
DY-4 SYSTEMS INC.
*DYAD COMPUTER SYSTEMS INC.
*EPS CONSULTANTS
*EBRYS SYSTEMS CANADA INC.
*ECLECTECH SOFTWARE
EIDETIC SYSTEMS CORPORATION
*ELECTROHOME ELECTRONICS
*ENCOM INFORMATION SYSTEMS INC.
*ENGINEERING INTERFACE LTD.
*THE GENESYS GROUP
GENTIAN ELECTRONICS LTD.
*B.J. GILES & ASSOCIATES LIMITED
*GROUP FIVE CONSULTING LTD.
*H-F COMPUTING SERVICES INC.
*HEWLETT - PACKARD (CANADA) LTD.

S010 - Utilities/Programming and System development aids con't

*HONEYTHUNDER LIMITED
HONEYWELL LIMITED
*HUMAN COMPUTING RESOURCES CORP.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
*K G CONSULTING LTD.
*KEYSOFT INTERNATIONAL LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
*M P S MANAGEMENT & PLANNING SOFTWARE
GROUP INC.
*MALZER AND ASSOCIATES LTD.
*MARFLEET ASSOCIATES INC.
MEGATEL COMPUTER CORPORATION INC.
*MICRO MEGABYTE
MICROWEST DISTRIBUTING LTD.
*MIKADON COMPU-SERVE
*MINDORFF AND ASSOCIATES
*MINEC LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM
INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NEXUS COMPUTER CONSULTANTS INC.
NIXDORF CANADA LTD.
NORTHERN TELECOM LIMITED E.O.S.
DIVISION (NTLEOS)
*NUMETRIX LIMITED
OLIVETTI CANADA LIMITED
ORCATECH INC.
*PLM WORD PROCESSING SERVICES LIMITED
*PATERSON-PHIPPS INTERNATIONAL INC.
*POLARIS TECHNOLOGY CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRONET MICRO SYSTEMS INC.
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
*PROVINCIAL BUSINESS SYSTEMS INC.
QUADRUS ASSOCIATES
*QUANTUM SOFTWARE & CONSULTANTS
*QUASAR SYSTEMS LTD.
R-CUBED SOFTWARE HOUSE
*RECOGNITION EQUIPMENT (CANADA) LTD.
REF COMPUTER CORPORATION
*RHODNIUS INCORPORATED

S010 - Utilities/Programming and System development aids con't

*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SIMPACT EDUCATION & TRAINING LTD.
*SIMPLIFIED OPERATING SYSTEMS INC.
SIMWARE INC.
SOFPAK INC.
*SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
SYDNEY DEVELOPMENT CORPORATION
*SYS-TECH INC.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*TEAM APPROACH LTD.
*TORDATA SERVICES LTD.
TROY SOFTWARE DESIGN
*T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*TEAM APPROACH LTD.
*TORDATA SERVICES LTD.
TROY SOFTWARE DESIGN
*VERSATERM SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*W5 ASSOCIATES INC.
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTERN TECHNOLOGY CORPORATION
*XENOS COMPUTER SYSTEMS INC.
*ZEMOS SYSTEMS LIMITED

T004 - Accounting

A G W DATA SERVICES
ADVANCED DATA SYSTEMS
*PAUL AHRENS AND ASSOCIATES
*AIKINS BENTLEY AND ASSOCIATES
ALL COMPUTERS INC.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
ARTHUR ANDERSON AND COMPANY
*ANDSOR CONSULTING INC.
*ANDYNE COMPUTING LIMITED
ANTARES COMPUTER SERVICES INC.
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BARAK COMPUTER SYSTEMS
BASIC SOFTWARE GROUP
*BLUEBANK ASSOCIATES
*BONAVENTURE SYSTEMS INC.
*RICHARD J. BOTT/SYSTEMS CONSULTANT
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*CANADIAN BUSINESS SOLUTIONS
CAPP CONSULTANTS INC.
COGEBEC INFORMATION INC.
*COHESIVE COMPUTER SYSTEM LTD.
COMPUFLOW
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
*COMPUTER - EASE LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
COMTECH GROUP INTERNATIONAL LIMITED
*CONTROL DATA CANADA, LTD.
*BRUCE COOK AND ASSOCIATES
D E SYSTEMS LTD.
DSG DECISION SUPPORT GROUP LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DANDCO ENTERPRISES LIMITED
DATA LABS LTD.
*DATALINE INC.
DATAMEX LTD.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
DATAQUEST CORPORATION
*DEBRONE & ASSOCIATES

T004 - Accounting cont'd

DECLAN GROUP OF COMPANIES
*DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
*DOGWOOD
DOMUS SOFTWARE LIMITED
*DROL SYSTEMS OF CANADA LTD.
*PRABIR DUTT & ASSOCIATES INC.
DY-4 SYSTEMS INC.
*EPS CONSULTANTS
*ECOTEC PETROLEUM SOFTWARE LTD.
*ENCOM INFORMATION SYSTEMS INC.
*FIND LIMITED
MERVIN G. FAULKNER ASSOCIATES LTD.
*B.J. GILES & ASSOCIATES LIMITED
JOHN GORHAM CONSULTANTS LTD.
GUELPH CENTRAL COMPUTER SERVICES
*H-F COMPUTING SERVICES INC.
HAMILTON SOFTWARE CONSULTANTS
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*HONEYTHUNDER LIMITED
HUMAN COMPUTING RESOURCES LTD.
IAS COMPUTER CORP LTD.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INFODYNE CORPORATION
*IOTA CONSULTING LIMITED
*JEDRON SOFTWARE INC.
JOHNSON COMPUTER SOFTWARE TEAM LTD.
*K G CONSULTING LTD.
K S O SALES AGENCY LTD.
*KALON & CO. INC.
KENDRICK, CLARKE INC.
*KEYSOFT INTERNATIONAL LIMITED
*PETER LEIGH-BELL AND ASSOCIATES LTD.
LOGICAID LIMITED
M A I CANADA LTD.
*M I S CONSULTANTS
*M R S COMPANY LIMITED
*MALZER AND ASSOCIATES LTD.
*MANAGEMATICS LTD
LOUIS MAGGI SYSTEMS CONSULTING
MEGATEL COMPUTER CORPORATION INC.
*MICRO MEGABYTE
MICROWEST DISTRIBUTING LTD.
MIKADON COMPU-SERVE
MINEC LTD.
MINICOM DATA CORPORATION
*MINITRONICS OF CANADA LTD.

T004 - Accounting cont'd

MLPI BUSINESS SYSTEMS INC.
MOBIUS SOFTWARE LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
MONDECAN LIMITED
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NBTEL DATA
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS
*NIAKWA MANAGEMENT SYSTEMS INC.
NIXDORF CANADA LTD.
NORWAT EQUITIES LIMITED
OLIVETTI CANADA LIMITED
*OVEX BUSINESS SYSTEMS LTD.
P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PAPERFLOW SYSTEMS INC.
*PENTASOFT CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PROBE SOFTWARE SCIENCES LTD.
PRONET MICRO SYSTEMS INC.
PROTAS INNOVATIONS INC.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
PROVINCIAL BUSINESS SYSTEMS INC.
*PULSE MICROSYSTEMS LTD.
*QUANTUM SOFTWARE & CONSULTANTS
QUASAR SYSTEMS LTD.
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
REF COMPUTER CORPORATION
RICHARDSON PROFIT SYSTEMS CORP
S R B INTERNATIONAL LTD.
I.P. SHARP ASSOCIATES LTD.
*SHAWINIGAN ENERGY CONSULTANTS LTD.
*SIDUS SYSTEMS INC.
SIERRA SOFTWARE SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SIMWARE INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
SUN COMPUTERS LTD.
SYDNEY DEVELOPMENT CORPORATION
*SYS-TECH INC.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T A F COMPUTERS SYSTEMS LTD.

T004 - Accounting con't

- T R W DATA SYSTEMS
- *TAYLOR PARTNERS LTD.
- *TEAM APPROACH LTD.
- TORDATA SERVICES LTD.
- *TRILOGIC DATA SYSTEMS LIMITED
- *TRIMAG CONSULTANTS LTD.
- ULTEC COMPUTER CORPORATION
- *VICTOR (CANADA) LIMITED
- *WARREN INSTROTECH LTD.
- *DALE WERSHLER & ASSOCIATES LTD.
- WESTERN TECHNOLOGY CORPORATION
- *WYCOVE SYSTEMS LIMITED
- *ZEMOS SYSTEMS LIMITED

T006 - Agriculture, forestries, fisheries

- ALTERNATIVE THREE SYSTEMS LTD.
- *ASSOCIATED ENGINEERING SERVICES LTD.
- AUTOMATED MICRO SYSTEMS
- BMB COMPUSCIENCE CANADA LTD.
- BAILEY CONTROLS
- *BONAVENTURE SYSTEMS INC.
- *BURROUGHS CANADA
- *COLLINS & MOON LTD.
- *COMPUTER - EASE LTD.
- COMPUTERTIME NETWORK CORPORATION
- COMSHARE LIMITED
- *CONTROL DATA CANADA, LTD.
- *DSS DECISION SUPPORT SYSTEMS LTD.
- *DATALINE INC.
- *DIGITAL RESOURCE SYSTEMS LTD.
- *ENCOM INFORMATION SYSTEMS INC.
- *GRANT HALLMAN ASSOCIATES LTD.
- *IOTA CONSULTING LIMITED
- *ITRES RESEARCH LIMITED
- *LEQ DATA LOGGING LIMITED
- M A I CANADA LTD.
- *M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
- *MALZER AND ASSOCIATES LTD.
- *NEXUS COMPUTER CONSULTANTS
- NOMAD COMPUTER SYSTEMS CORPORATIONS
- PATERSON-PHIPPS INTERNATIONAL INC.
- *PINE TREE MICRO
- *PRIME COMPUTER OF CANADA LIMITED
- S R P CONTROL SYSTEMS LTD.
- I.P. SHARP ASSOCIATES LTD.
- SIMWARE INC.
- SOFPAK INC.
- SOFTWARE MATCHMAKERS INC.
- *P.M. SULCS & ASSOCIATES LTD.
- *SYSTEMHOUSE LTD.
- T A F COMPUTERS SYSTEMS LTD.
- *T S I TRAINING SYSTEMS INTERNATIONAL
- TRANSDUCTION LTD.
- ULTEC COMPUTER CORPORATION
- *WATERLOO SYSTEMS SPECIALISTS LTD.
- *DALE WERSHLER & ASSOCIATES LTD.
- WESTERN FARM COMPUTERS
- ZEMOS SYSTEMS LIMITED

T009 - Banking, savings and loan/credit bureaus

ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
ARTHUR ANDERSON AND COMPANY
*ASKEY SYSTEMS GROUP
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
*CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
COMPUTECH COMPUTER SERVICES
*COMPUTER CRIME INVESTIGATIONS INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*DANDCO ENTERPRISES LIMITED
*DATALINE INC.
DATAPOINT CANADA INC.
*DELTA-SIGMA SYSTEMS LTD.
*THE GENESYS GROUP
GEAC COMPUTERS INTERNATIONAL INC.
HAMILTON SOFTWARE CONSULTANTS
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INTERNATIONAL VERIFACT INC.
IOTA CONSULTING LIMITED
KEYSOFT INTERNATIONAL LIMITED
M A I CANADA LTD.
MINDORFF AND ASSOCIATES
MINITRONICS OF CANADA LTD.
NCR CANADA LTD.
*NEXUS COMPUTER CONSULTANTS
NIXDORF CANADA LTD.
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*PRIME COMPUTER OF CANADA LIMITED
*RECOGNITION EQUIPMENT (CANADA) LTD.
I.P. SHARP ASSOCIATES LTD.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
TAF COMPUTERS SYSTEMS LTD.
TRILLIUM SOFTWARE GROUP
*VICTOR (CANADA) LIMITED
WESTINGHOUSE CANADA INC.

T016 - Chemicals and allied products

*ACCURATE & AUTOMATIC SCALE COS. LTD.
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BARAK COMPUTER SYSTEMS LTD.
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
BURROUGHS CANADA
CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
*COMPUTER SCIENCES CANADA LTD.
*COMPUTER - EASE LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATEK INDUSTRIES LIMITED
HONEYWELL LIMITED
ICL COMPUTERS CANADA LTD.
*LEQ DATA LOGGING LIMITED
M A I CANADA LTD.
*MARFLEET ASSOCIATES INC.
*NEXUS COMPUTER CONSULTANTS
*NUMETRIX LIMITED
*OCTANT COMPUTERS INC.
*OFFICESMITHS INC.
*PRIME COMPUTER OF CANADA LIMITED
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
*SYSTEM DYNAMICS CORP.
TRANSDUCTION LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTERN TECHNOLOGY CORPORATION
WESTINGHOUSE CANADA INC.

T019 - CAD/CAM graphics

ACCUGRAPH CORP.
*PAUL AHRENS AND ASSOCIATES LTD.
*ANDYNE COMPUTING LIMITED
*ASSOCIATED ENGINEERING SERVICES LTD.
*BAILEY & ROSE LTD. (Head Office)
CARYATID SOFTWARE
*CONTROL DATA CANADA, LTD.
*CYMBOL CYBERNETICS CORPORATION
*DELTA-SIGMA SYSTEMS LTD.
DIGITAL RESOURCE SYSTEMS LTD.
*PRABIR DUTT & ASSOCIATES INC.
*ECLECTECH SOFTWARE
GENTIAN ELECTRONICS LTD.
*GRANT HALLMAN ASSOCIATES LTD.
*HEWLETT - PACKARD (CANADA) LTD.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
LIMICON INC.
*MARFLEET ASSOCIATES INC.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MULTILEK INC.
*NOMAD COMPUTER SYSTEMS CORPORATIONS
*OMNIBUS VIDEO INC.
OMNITECH GRAPHICS SYSTEMS INC.
ORCATECH INC.
*PATERSON-PHIPPS INTERNATIONAL INC.
PHOENIX AUTOMATION INC.
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PULSE MICROSYSTEMS LTD.
*SIDUS SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*SYSTEMHOUSE LTD.
TEKTRONIX CANADA INC.
TRANSDUCTION LTD.
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.

T020 - CAI/CAL Industrial/Business environment

ACCUGRAPH CORP.
ALPEN DEVELOPMENT LIMITED
*ALPHATEL SYSTEMS LTD.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDYNE COMPUTING LIMITED
ASYNC CORPORATION
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
*W.D. BUSH CONSULTING
CADA DATA SYSTEMS INC.
CANADA STAR CONSULTING
COHESIVE COMPUTER SYSTEMS LTD.
*COMMUNICATIONS ANIMA Lte
*COMPUTER CRIME INVESTIGATIONS INC.
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
*CONTROL DATA CANADA, LTD.
*CUSTOM MICRO SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATAPOINT CANADA INC.
DATATECH SYSTEMS LTD.
DELTA BETA CAREER DEVELOPMENT
SYSTEMS INC.
DY-4 SYSTEMS INC.
*EBRYS SYSTEMS CANADA INC.
*ECLECTECH SOFTWARE
*THE GENESYS GROUP
FAXTEL INFORMATION SYSTEMS LIMITED
HUGH E. HARDIE & ASSOCIATES INC.
HOFSTETTER BUSINESS PRODUCTS LTD.
HOMECOM LEARNING SYSTEMS
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
*INFORMATICS EDUCATION LTD.
*INTERACTIVE IMAGE TECHNOLOGIES INC.
*INTERNATIONAL CINEMEDIA CENTER LTD.
*INVESTMENT YIELD CALCULATORS LIMITED
*ITRES RESEARCH LIMITED
KEYSTONE EDUCATIONAL DESIGN
LIMICON INC.
M I S CONSULTANTS
*MIKADON COMPU-SERVE
*MINEC LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM
INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
*NUMETRIX LIMITED
*OCTANT COMPUTERS INC.
OLIVETTI CANADA LIMITED

T020 - CAI/CAL Industrial/Business Environment con't

PLM WORD PROCESSING SERVICES LTD.
*PATERSON-PHIPPS INTERNATIONAL INC.
PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PRO-LINE SOFTWARE LTD.
PRO-MATION SYSTEMS
SIDUS SYSTEMS INC.
SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SOFTWORDS
SPECTRIX MICROSYSTEMS INC.
*T S I TRAINING SYSTEMS INTERNATIONAL
*TEAM APPROACH LTD.
*TOM THORNE ASSOCIATES LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*ZVOOK CORPORATION

T023 - Construction

A G W DATA SERVICES
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
BURROUGHS CANADA
*W.D. BUSH CONSULTING
CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
COMPUTER DISTRIBUTION INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*BRUCE COOK AND ASSOCIATES
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*ENGINEERING INTERFACE LTD.
MERVIN G. FAULKNER ASSOCIATES LTD.
HARRIS COMPUTER SYSTEMS
*HOLUS SYSTEMS SOLUTIONS INC.
ICL COMPUTERS CANADA LTD.
*K G CONSULTING LTD.
*LEQ DATA LOGGING LIMITED
M A I CANADA LTD.
*M I S CONSULTANTS
*MANAGEMATICS LTD
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.
*NEXUS COMPUTER CONSULTANTS
NOMAD COMPUTER SYSTEMS CORPORATIONS
NORWAT EQUITIES LIMITED
*OCTANT COMPUTERS INC.
OLIVETTI CANADA LIMITED
*P W T COMPUTER GROUP LTD.
*PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
PROVINCIAL BUSINESS SYSTEMS INC.
*PULSE MICROSYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIMWARE INC.
SOFPAK INC.
*SOFTOV CONSULTANTS
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEMHOUSE LTD.
TAF COMPUTERS SYSTEMS LTD.
*TEAM APPROACH LTD.
*TRILOGIC DATA SYSTEMS LIMITED
*TRIMAG CONSULTANTS LTD.

T023 - Construction con't

ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.

T032 - CAI/CAL Academic environment

ACCUGRAPH CORP.
*ALPHATEL SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ASYNC CORPORATION
AURORA SOFTWARE INC.,
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
*CANADA STAR CONSULTING
*CANADIAN SOFTWARE DISTRIBUTORS
CARYATID SOFTWARE
*COMPUTER APPLICATION TECHNIQUES LTD
*COMPUTER CULTURE
*COMPUTER DISCOVERY
CONTROL DATA CANADA, LTD.
*CUSTOM MICRO SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
DY-4 SYSTEMS INC.
*EBRYS SYSTEMS CANADA INC.
*ECLECTECH SOFTWARE
*FAXTEL INFORMATION SYSTEMS LIMITED
*THE GENESYS GROUP
*GEO KARTOGRAPHICS
HAMILTON SOFTWARE CONSULTANTS
HOMECOM LEARNING SYSTEMS
HONEYWELL LIMITED
INFO AGE CORPORATION
*INFORMATICS EDUCATION LTD.
*INTERACTIVE IMAGE TECHNOLOGIES INC.
*INTERNATIONAL CINEMEDIA CENTER LTD.
*ITRES RESEARCH LIMITED
*KEYSTONE EDUCATIONAL DESIGN
LIMICON INC.
M I S CONSULTANTS
*MAINTNIX SERVICES
*MIKADON COMPU-SERVE
*MINEC LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
OLIVETTI CANADA LIMITED
*PATERSON-PHIPPS INTERNATIONAL INC.
*PRIME COMPUTER OF CANADA LIMITED
PRO-LINE SOFTWARE LTD.
*QUANTUM SOFTWARE & CONSULTANTS
R-CUBED SOFTWARE HOUSE
*SIDUS SYSTEMS INC.
SOFPAK INC.
SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.

T032 - CAI/CAL Academic Enviroment con't

*T S I TRAINING SYSTEMS INTERNATIONAL
*TEAM APPROACH LTD.
*TOM THORNE ASSOCIATES LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTERN TECHNOLOGY CORPORATION
*ZVOOK CORPORATION

T037 - Financial analysis & reporting

A G W DATA SERVICES
ALL COMPUTERS INC.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ASKEY SYSTEMS GROUP
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
*CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
COMMUNICATIONS ANIMA Lte
COMPUTECH COMPUTER SERVICES
*COMPUTER CRIME INVESTIGATIONS INC.
COMPUTER DISTRIBUTION INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*DANDCO ENTERPRISES LIMITED
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
DATATECH SYSTEMS LTD.
*DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
DOGWOOD
PRABIR DUTT & ASSOCIATES INC.
*EPS CONSULTANTS
*F R I INFORMATION SERVICES
*FAXTEL INFORMATION SYSTEMS LIMITED
*B.J. GILES & ASSOCIATES LIMITED
*HOLUS SYSTEMS SOLUTIONS INC.
HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*INVESTMENT YIELD CALCULATORS LIMITED
*IOTA CONSULTING LIMITED
*K G CONSULTING LTD.
K S O SALES AGENCY LTD.
*KEYSOFT INTERNATIONAL LIMITED
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
MARFLEET ASSOCIATES INC.
*MICRO MEGABYTE
MIKADON COMPU-SERVE
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.

T037 - Financial analysis and reporting cont'd

*MONDECAN LIMITED
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NELSON BUSINESS MACHINES LIMITED
NIXDORF CANADA LTD.
NOMAD COMPUTER SYSTEMS CORPORATIONS
*NUMETRIX LIMITED
*PLM WORD PROCESSING SERVICES LTD.
*PAPERFLOW SYSTEMS INC,
*PENTASOFT CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PULSE MICROSYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SYDNEY DEVELOPMENT CORPORATION
*SYSTEMHOUSE LTD.
T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
*VICTOR (CANADA) LIMITED
*DALE WERSHLER & ASSOCIATES LTD.
*WESTERN TECHNOLOGY CORPORATION
WESTINGHOUSE CANADA INC.

T039 - Hospitality industry

*ALTMAN & ASSOCIATES INC.
*ASKEY SYSTEMS GROUP
*ASYNC CORPORATION
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
BURROUGHS CANADA
COMPUTER DISTRIBUTION INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
D E SYSTEMS LTD.
DATAPOINT CANADA INC.
*ENGINEERING INTERFACE LTD.
*FIND LIMITED
*HOLUS SYSTEMS SOLUTIONS INC.
*HOSPITAL COMPUTING SERVICES OF ONTARIO INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*IOTA CONSULTING LIMITED
LIMICON INC.
M A I CANADA LTD.
M I S CONSULTANTS
MINITRONICS OF CANADA LTD.
*NBTEL DATA
*NEXUS COMPTER CONSULTANTS
*NUMETRIX LIMITED
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*PRIME COMPUTER OF CANADA LIMITED
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*SYSTEMHOUSE LTD.
TAF COMPUTERS SYSTEMS LTD.
*TRILOGIC DATA SYSTEMS LIMITED
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.

T044 - Federal Government

*ALTMAN & ASSOCIATES INC.
ASSOCIATED ENGINEERING SERVICES LTD.
ASYNC CORPORATION
*AUTOMATED MICRO SYSTEMS
*BAILEY & ROSE LTD. (Head Office)
*ROY BALL ASSOCIATES LTD.
BURROUGHS CANADA
*COLLINS & MOON LTD.
*COMMUNICATIONS ANIMA Lte
*COMPUCRAFT SYSTEMS LIMITED
*COMPUTER DISCOVERY
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
D & S PETROLEUM CONSULTING GROUP
D E SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*PRABIR DUTT & ASSOCIATES INC.
*EBRYS SYSTEMS CANADA INC.
*EIDETIC SYSTEMS CORPORATION
*ENGINEERING INTERFACE LTD.
*FAXTEL INFORMATION SYSTEMS LIMITED
*FOUNDATION ELECTRONIC INSTRUMENTS
THE GENESYS GROUP
*B.J. GILES & ASSOCIATES LIMITED
HARRIS COMPUTER SYSTEMS
*HITECH CANADA LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
*INTELLITECH CANADA LTD.
*INTERACTIVE IMAGE TECHNOLOGIES INC.
*IOTA CONSULTING LIMITED
*ITRES RESEARCH LIMITED
*LEQ DATA LOGGING LIMITED
*LOGICAID LIMITED
*M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MALZER AND ASSOCIATES LTD.
*MARFLEET ASSOCIATES INC.
MICROSTAR SOFTWARE LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*NEXUS COMPUTER CONSULTANTS
NIXDORF CANADA LTD.
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*PLM WORD PROCESSING SERVICES LTD.
*PAPERFLOW SYSTEMS INC.
PERIPHLEX INCORPORATED
*PETRIE TELECOMMUNICATIONS LTD.

T044 - Federal Government con't

*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
PRO-MATION SYSTEMS
QUELERON SCIENTIFIC COMPUTING
S R B INTERNATIONAL LTD.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SIMWARE INC.
*SOFTOV CONSULTANTS
SOFTWARE MATCHMAKERS INC.
*SYSTEMHOUSE LTD.
*TEAM APPROACH LTD.
*TOM THORNE ASSOCIATES LTD.
TRIMAG CONSULTANTS LTD.
*VERSATERM SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*W5 ASSOCIATES INC.
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTINGHOUSE CANADA INC.
*WYCOVE SYSTEMS LIMITED

T045 - Statutes/regulations

*ASSOCIATED ENGINEERING SERVICES LTD.
*BURROUGHS CANADA
COMPUTERTIME NETWORK CORPORATION
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATA METHODS ASSOCIATES LTD.
DATATECH SYSTEMS LTD.
*EBRYS SYSTEMS CANADA INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*IOTA CONSULTING LIMITED
*GORDON MOLNAR & ASSOCIATES LIMITED
*NEXUS COMPUTER CONSULTANTS
OLIVETTI CANADA LIMITED
*PAPERFLOW SYSTEMS INC.
*PRIME COMPUTER OF CANADA LIMITED
*S R P CONTROL SYSTEMS LTD.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
*TOM THORNE ASSOCIATES LTD.
*VICTOR (CANADA) LIMITED
*ZEMOS SYSTEMS LIMITED

T046 - Provincial and local government

*ALTMAN & ASSOCIATES INC.
*ASSOCIATED ENGINEERING SERVICES LTD.
*ASYNC CORPORATION
*AUTOMATED MICRO SYSTEMS
*BAILEY & ROSE LTD. (Head Office)
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
*COLLINS & MOON LTD.
*COMMUNICATIONS ANIMA Lte
*COMPUCRAFT SYSTEMS LIMITED
*COMPUFLOW
COMPUTER CULTURE
*COMPUTER DISCOVERY
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
D & S PETROLEUM CONSULTING GROUP
D E SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
*DELTA-SIGMA SYSTEMS LTD.
*DROL SYSTEMS OF CANADA LTD.
*PRABIR DUTT & ASSOCIATES INC.
*EBRYS SYSTEMS CANADA INC.
*ENCOM INFORMATION SYSTEMS INC.
*ENGINEERING INTERFACE LTD.
*FAXTEL INFORMATION SYSTEMS LIMITED
FOUNDATION ELECTRONIC INSTRUMENTS
H-F COMPUTING SERVICES INC.
*HARRIS COMPUTER SYSTEMS
HITECH CANADA LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INTERACTIVE IMAGE TECHNOLOGIES INC.
*IOTA CONSULTING LIMITED
*ITRES RESEARCH LIMITED
K S O SALES AGENCY LTD.
*KEYSTONE EDUCATIONAL DESIGN
*LEQ DATA LOGGING LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
*M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MALZER AND ASSOCIATES LTD.

T046 - Provincial and local government cont'd

*MARFLEET ASSOCIATES INC.
MICROSTAR SOFTWARE LTD.
MINITRONICS OF CANADA LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
NCR CANADA LTD.
*NEXUS COMPUTER CONSULTANTS
NIXDORF CANADA LTD.
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*PLM WORD PROCESSING SERVICES LTD.
*PAPERFLOW SYSTEMS INC.
PERIPHLEX INCORPORATED
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*PRONET MICRO SYSTEMS INC.
*PULSE MICROSYSTEMS LTD.
S R B INTERNATIONAL LTD.
*S R P CONTROL SYSTEMS LTD.
*SERDULA SYSTEMS LTD.
SIERRA SOFTWARE SYSTEMS INC.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
P.M. SULCS & ASSOCIATES LTD.
*SYSTEMHOUSE LTD.
*TOM THORNE ASSOCIATES LTD.
TRANSDUCTION LTD.
TRIMAG CONSULTANTS LTD.
*VERICOM SYSTEMS LTD.
*VERSATERM SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*W5 ASSOCIATES INC.
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.
*YORK CENTRAL HEALTH SYSTEMS INC.

T047 - Health services

*BURROUGHS CANADA
BURROUGHS CANADA
*CANADIAN BUSINESS SOLUTIONS
*COHESIVE COMPUTER SYSTEMS LTD.
*COMPUGEN SYSTEMS INC.
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
CYCARE SYSTEMS CANADA LTD.
*DATA METHODS ASSOCIATES LTD.
DATAPOINT CANADA INC.
*DEBRONE & ASSOCIATES
*ENCOM INFORMATION SYSTEMS INC.
*THE GENESYS GROUP
GUELPH CENTRAL COMPUTER SERVICES
*GRANT HALLMAN ASSOCIATES LTD.
*HEWLETT - PACKARD (CANADA) LTD.
*HOSPITAL COMPUTING SERVICES OF ONTARIO INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
INTERACTIVE IMAGE TECHNOLOGIES INC.
*LEQ DATA LOGGING LIMITED
M A I CANADA LTD.
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MIKADON COMPU-SERVE
MINDORFF AND ASSOCIATES
MINI-PERIPHERALS INC.
NCR CANADA LTD.
NEXUS COMPUTER CONSULTANTS
NORWAT EQUITIES LIMITED
*PICKER INTERNATIONAL CANADA
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*RHODNIUS INCORPORATED
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*SYSTEMHOUSE LTD.
TAF COMPUTERS SYSTEMS LTD.
TRILOGIC DATA SYSTEMS LIMITED
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*YORK CENTRAL HEALTH SYSTEMS INC.

T050 - Diagnosis

*BURROUGHS CANADA
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*DATA METHODS ASSOCIATES LTD.
*ENCOM INFORMATION SYSTEMS INC.
*HEWLETT - PACKARD (CANADA) LTD.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
M A I CANADA LTD.
*MIKADON COMPU-SERVE
MINI-PERIPHERALS INC.
NCR CANADA LTD.
*NORTHERN MEDICAL
*PATERSON-PHIPPS INTERNATIONAL INC.
PAYTON ASSOCIATES LIMITED
*PICKER INTERNATIONAL CANADA
*PRIME COMPUTER OF CANADA LIMITED
*S R P CONTROL SYSTEMS LTD.
SOFTWARE MATCHMAKERS INC.

T051 - Hospital/institutional administration

*ACCURATE & AUTOMATIC SCALE COS. LTD.
B & B COMPUTER APPLICATIONS LTD.
BMB COMPUSCIENCE CANADA LTD.
*BURROUGHS CANADA
*CANADIAN BUSINESS SOLUTIONS
COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
CYCARE SYSTEMS CANADA LTD.
*DATA METHODS ASSOCIATES LTD.
*ENCOM INFORMATION SYSTEMS INC.
*ENGINEERING INTERFACE LTD.
*B.J. GILES & ASSOCIATES LIMITED
*HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*HOSPITAL COMPUTING SERVICES OF
ONTARIO INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*LOGICAID LIMITED
M A I CANADA LTD.
*MARFLEET ASSOCIATES INC.
MINDORFF AND ASSOCIATES
MINI-PERIPHERALS INC.
*MOMENTUM MANAGEMENT SYSTEM
INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NBTEL DATA
NEXUS COMPUTER CONSULTANTS
NUMETRIX LIMITED
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
PATERSON-PHIPPS INTERNATIONAL INC.
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
RHODNIUS INCORPORATED
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*SYSTEMHOUSE LTD.
TRILOGIC DATA SYSTEMS LIMITED
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*DALE WERSHLER & ASSOCIATES LTD.
*YORK CENTRAL HEALTH SYSTEMS INC.

T054 - Insurance

*ALTMAN & ASSOCIATES INC.
AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*CENTRALIZED INSURANCE MANAGEMENT
COMPUTER DISTRIBUTION INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*DANDCO ENTERPRISES LIMITED
*DATATECH SYSTEMS LTD.
*DEBRONE & ASSOCIATES
*ENCOM INFORMATION SYSTEMS INC.
*F R I INFORMATION SERVICES
HAMILTON SOFTWARE CONSULTANTS
HARRIS COMPUTER SYSTEMS
.HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
*KENDRICK, CLARKE INC.
M A I CANADA LTD.
M I S CONSULTANTS
*MALZER AND ASSOCIATES LTD.
*MARFLEET ASSOCIATES INC.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM
INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS LTD.
*OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T A F COMPUTER SYSTEMS LTD.

T054 - Insurance con't

ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*ZEMOS SYSTEMS LIMITED

T064 - Research/statutes/regulations/cases

*AUTOMATED MICRO SYSTEMS
*BURROUGHS CANADA
*CONTROL DATA CANADA, LTD.
*DEBRONE & ASSOCIATES
*M I S CONSULTANTS
MIKADON COMPU-SERVE
*P L M WORD PROCESSING SERVICES LTD.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
T A F COMPUTER SYSTEMS LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.

T066 - Word processing (legal)/office automation

ALL COMPUTERS INC.
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
*BAILEY & ROSE LTD. (Head Office)
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
*COMPUCRAFT SYSTEMS LIMITED
*COMPUFLOW
*COMPUGEN SYSTEMS INC.
COMPUTER INNOVATIONS
COMPUTERTIME NETWORK CORPORATION
D E SYSTEMS LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DANDCO ENTERPRISES LIMITED
*DATAPOINT CANADA INC.
*DEBRONE & ASSOCIATES
DESCARTES SYSTEMS GROUP INC.
DOMUS SOFTWARE LIMITED
*THE GENESYS GROUP
*B.J. GILES & ASSOCIATES LIMITED
GUELPH CENTRAL COMPUTER SERVICES
HARRIS COMPUTER SYSTEMS
HOFSTETTER BUSINESS PRODUCTS LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INFODYNE CORPORATION
*IOTA CONSULTING LIMITED
K S O SALES AGENCY LTD.
M A I CANADA LTD.
*M I S CONSULTANTS
MICOM CO.
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
NIAKWA MANAGEMENT SYSTEMS INC.
OLIVETTI CANADA LIMITED
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PAPERFLOW SYSTEMS INC.
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PRO-LINE SOFTWARE LTD.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
PROVINCIAL BUSINESS SYSTEMS INC.
*RAYMOND, CHABOT, MARTIN, PARE & ASS.

T066 - Word processing (legal)/office automation con't

*SIDUS SYSTEMS INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED

T067 - Library systems

*ALTMAN & ASSOCIATES INC.
*ASKEY SYSTEMS GROUP
ASYNC CORPORATION
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*COLLINS & MOON LTD.
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
*DSS DECISION SUPPORT SYSTEMS LTD.
DATALINE INC.
DATAPOINT CANADA INC.
DOGWOOD SOFTWARE INC.
DOMUS SOFTWARE LIMITED
*EBRYS SYSTEMS CANADA INC.
*FOUNDATION ELECTRONIC INSTRUMENTS
*GEAC COMPUTERS INTERNATIONAL INC.
*THE GENESYS GROUP
*B.J. GILES & ASSOCIATES LIMITED
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
IOTA CONSULTING LIMITED
M I S CONSULTANTS
MEGATEL COMPUTER CORPORATION INC.
*GORDON MOLNAR & ASSOCIATES LIMITED
*NEXUS COMPUTER CONSULTANTS
POLYMATHIC COMPUTER CORPORATION
Q L SYSTEMS LTD.
R-CUBED SOFTWARE HOUSE
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
*GORDON RIPLEY & COMPANY
*S R P CONTROL SYSTEMS LTD.
*SIDUS SYSTEMS INC.
SIMWARE INC.
*SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SYDNEY DEVELOPMENT CORPORATION
*SYSTEMHOUSE LTD.
*T S I TRAINING SYSTEMS INTERNATIONAL
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.

T068 - Machine control

ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
*BAILEY & ROSE LTD. (Head Office)
W.D. BUSH CONSULTING
COMPUTER SIGN SYSTEMS LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*DELTA-SIGMA SYSTEMS LTD.
*DIGIMICRO INC.
*PRABIR DUTT & ASSOCIATES INC.
*EIDETIC SYSTEMS CORPORATION
*HEWLETT - PACKARD (CANADA) LTD.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
*IOTA CONSULTING LIMITED
LOGICAID LIMITED
*MARFLEET ASSOCIATES INC.
THE MICROELECTRONICS CENTRE
*MIKADON COMPU-SERVE
*MINI-PERIPHERALS INC.
*GORDON MOLNAR & ASSOCIATES LIMITED
*NOMIS COMPUTER SYSTEMS CORPORATION
*OCTANT COMPUTERS INC.
OLIVETTI CANADA LIMITED
OMNITECH GRAPHICS SYSTEMS INC.
*PATERSON-PHIPPS INTERNATIONAL INC.
PRAXTEK SOFTWARE CORPORATION
PRIME COMPUTER OF CANADA LIMITED
S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEM DYNAMICS CORP.
*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.

T070 - Economic modeling & analysis

ACCUGRAPH CORP.
*ALTMAN & ASSOCIATES INC.
*BAILEY & ROSE LTD. (Head Office)
BULLOCH SYSTEMS
*BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*CAPP CONSULTANTS INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*DSG DECISION SUPPORT GROUP LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
DATA METHODS ASSOCIATES LTD.
DATALINE INC.
DATAPOINT CANADA INC.
DATATECH SYSTEMS LTD.
*EPS CONSULTANTS
*ECOTEC PETROLEUM SOFTWARE LTD.
ELRAC COMPUTING LTD.
*F R I INFORMATION SERVICES
*FAXTEL INFORMATION SYSTEMS LIMITED
*B.J. GILES & ASSOCIATES LIMITED
H-F COMPUTING SERVICES INC.
HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
*KEYSOFT INTERNATIONAL LIMITED
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MARFLEET ASSOCIATES INC.
MICRO MEGABYTE
*MINEC LTD.
NOMAD COMPUTER SYSTEMS CORPORATIONS
OLIVETTI CANADA LIMITED
*PRIME COMPUTER OF CANADA LIMITED
RICHARDSON PROFIT SYSTEMS CORP
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
TORDATA SERVICES LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
WESTERN TECHNOLOGY CORPORATION
YORK-SIMCOE COMPUTING SERVICES

T074 - Marketing/sales

A G W DATA SERVICES
*PAUL AHRENS AND ASSOCIATES LTD.
ALPEN DEVELOPMENT LIMITED
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
*CANADIAN BUSINESS SOLUTIONS
CAPP CONSULTANTS INC.
COMPUFLOW
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
*COMPUTER - EASE LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
*COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*BRUCE COOK AND ASSOCIATES
*DSS DECISION SUPPORT SYSTEMS LTD.
*DANDCO ENTERPRISES LIMITED
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DEBRONE & ASSOCIATES
*DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
DELTA-SIGMA SYSTEMS LTD.
*DOGWOOD SOFTWARE INC.
DOMUS SOFTWARE LIMITED
DY-4 SYSTEMS INC.
*EPS CONSULTANTS
*EBRYS SYSTEMS CANADA INC.
*ENCOM INFORMATION SYSTEMS INC.
FIND LIMITED
MERVIN G. FAULKNER ASSOCIATES LTD.
HAMILTON SOFTWARE CONSULTANTS
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION

T074 - Marketing/sales cont'd

*IOTA CONSULTING LIMITED
*JEDRON SOFTWARE INC.
K S O SALES AGENCY LTD.
KEYSOFT INTERNATIONAL LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
*MALZER AND ASSOCIATES LTD.
*MANAGEMATICS LTD
*MICRO MEGABYTE
*MINEC LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS LTD.
NIAKWA MANAGEMENT SYSTEMS INC.
NIXDORF CANADA LTD.
NORWAT EQUITIES LIMITED
*NUMETRIX LIMITED
OLIVETTI CANADA LIMITED
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PAPERFLOW SYSTEMS INC.
*PENTASOFT CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PRO-LINE SOFTWARE LTD.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
*PULSE MICROSYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
P.M. SULCS & ASSOCIATES LTD.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T R W DATA SYSTEMS
*TRILOGIC DATA SYSTEMS LIMITED
*VICTOR (CANADA) LIMITED

T076 - Medical insurance claims processing/physicians billing

*ASKEY SYSTEMS GROUP
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
*CANADA STAR CONSULTING
CANADIAN BUSINESS SOLUTIONS
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
CYCARE SYSTEMS CANADA LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
*DANDCO ENTERPRISES LIMITED
*DATA METHODS ASSOCIATES LTD.
*DEBRONE & ASSOCIATES
DESCARTES SYSTEMS GROUP INC.
*ENCOM INFORMATION SYSTEMS INC.
*B.J. GILES & ASSOCIATES LIMITED
GUELPH CENTRAL COMPUTER SERVICES
HARRIS COMPUTER SYSTEMS
*HOSPITAL COMPUTING SERVICES OF ONTARIO INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*INFORMATICS EDUCATION LTD.
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
*M I S CONSULTANTS
*MARFLEET ASSOCIATES INC.
MIKADON COMPU-SERVE
MINDORFF AND ASSOCIATES
*MINEC LTD.
MINI-PERIPHERALS INC.
MINITRONICS OF CANADA LTD.
*MONDECAN LIMITED
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS
OLIVETTI CANADA LIMITED
*P W T COMPUTER GROUP LTD.
PATERSON-PHIPPS INTERNATIONAL INC.
*PENTASOFT CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
*RECOGNITION EQUIPMENT (CANADA) LTD.
REF COMPUTER CORPORATION
*RHODNIUS INCORPORATED

T076 - Medical insurance claims processing/physicians billing con't

*SIDUS SYSTEMS INC.
SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*DALE WERSHLER & ASSOCIATES LTD.
*YORK CENTRAL HEALTH SYSTEMS INC.

T080 - Natural resources - mining/wood/petroleum

ARTHUR ANDERSON AND COMPANY
*ASSOCIATED ENGINEERING SERVICES LTD.
BAILEY CONTROLS
CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
*CANPOLAR CONSULTANTS LTD.
*COMPUGEN SYSTEMS INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
*CONTROL DATA CANADA, LTD.
D & S PETROLEUM CONSULTING GROUP
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATEK INDUSTRIES LIMITED
DIGIMICRO INC.
*DIGITAL RESOURCE SYSTEMS LTD.
EDA INSTRUMENTS INC.
*ECOTEC PETROLEUM SOFTWARE LTD.
*EIDETIC SYSTEMS CORPORATION
GENTIAN ELECTRONICS LTD.
*GRANT HALLMAN ASSOCIATES LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
ICL COMPUTERS CANADA LTD.
ITRES RESEARCH LIMITED
*O.P. LAVIN AND ASSOCIATES
*MARFLEET ASSOCIATES INC.
*MINEC LTD.
NCR CANADA LTD.
NEXUS COMPUTER CONSULTANTS
*NUMETRIX LIMITED
*OCTANT COMPUTERS INC.
*OFFICESMITHS INC.
*PATERSON-PHIPPS INTERNATIONAL INC.
*PRIME COMPUTER OF CANADA LIMITED
*ROBERTSON NICKERSON LIMITED
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SYSTEMHOUSE LTD.
*TERRA SCIENCE SYSTEMS LTD.
*TETRAD
*TRIMAG CONSULTANTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.
WESTERN TECHNOLOGY CORPORATION

T081 - Newpaper industry/typesetting

ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
*ASYNC CORPORATION
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
*COMPUFLOW
COMPUTERTIME NETWORK CORPORATION
*DATALINE INC.
DATAPOINT CANADA INC.
DESCARTES SYSTEMS GROUP INC.
*EBRYS SYSTEMS CANADA INC.
*THE GENESYS GROUP
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
INFODYNE CORPORATION
*IOTA CONSULTING LIMITED
*LEQ DATA LOGGING LIMITED
LIMICON INC.
MICRO MEGABYTE
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS
*PLM WORD PROCESSING SERVICES LTD.
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
GORDON RIPLEY & COMPANY
*S R P CONTROL SYSTEMS LTD.
SIMWARE INC.
SOFTWARE MATCHMAKERS INC.
*TOM THORNE ASSOCIATES LTD.
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.

T085 - Payroll/personnel

*PAUL AHRENS AND ASSOCIATES LTD.
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BARAK COMPUTER SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
*CENTRALIZED INSURANCE MANAGEMENT
*COHESIVE COMPUTER SYSTEMS LTD.
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
*COMPUTER - EASE LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
COMTECH GROUP INTERNATIONAL LIMITED
*CONTROL DATA CANADA, LTD.
D E SYSTMS LTD.
*DANDCO ENTERPRISES LIMITED
DATA LABS LIMITED
*DATALINE INC.
DATAMEX LTD.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DEBRONE & ASSOCIATES
*DELTA BETA CAREER DEVELOPMENT
SYSTEMS INC.
DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
DOMUS SOFTWARE LIMITED
*DROL SYSTEMS OF CANADA LTD.
*EPS CONSULTANTS
*ECOTEC PETROLEUM SOFTWARE LTD.
*ENCOM INFORMATION SYSTEMS INC.
*FIND LIMITED
MERVIN G. FAULKNER ASSOCIATES LTD.
*B.J. GILES & ASSOCIATES LIMITED
HAMILTON SOFTWARE CONSULTANTS
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
*JEDRON SOFTWARE INC.

T085 - Payroll/personnel cont'd

*KALON & CO. INC.
*LOGICAID LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
MANAGEMATICS LTD
*MARFLEET ASSOCIATES INC.
MICRO MEGABYTE
MICROWEST DISTRIBUTING LTD.
*MINEC LTD.
*MINITRONICS OF CANADA LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
*MULTILEK INC.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
*NBTEL DATA
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS LTD.
NIAKWA MANAGEMENT SYSTEMS INC.
NIXDORF CANADA LTD.
NORWAT EQUITIES LIMITED
OLIVETTI CANADA LIMITED
*ORGANIATION METRICS
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PENTASOFT CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PROTAS INNOVATIONS INC.
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
*QUADRUS ASSOCIATES
*QUANTUM SOFTWARE & CONSULTANTS
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
RICHARDSON PROFIT SYSTEMS CORP.
*S R B INTERNATIONAL LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIERRA SOFTWARE SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFPAK INC.
SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SYS-TECH INC.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T R W DATA SYSTEMS
*TEAM APPROACH LTD.
TRILLIUM SOFTWARE GROUP
*TRILOGIC DATA SYSTEMS LIMITED
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
DALE WERSHLER & ASSOCIATES LTD.

T088 - Pharmacy

*ASKEY SYSTEMS GROUP
BMB COMPUSCIENCE CANADA LTD.
*BURROUGHS CANADA
BURROUGHS CANADA
*CANADIAN BUSINESS SOLUTIONS
*COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER APPLICATION TECHNIQUES
COMPUTER DISTRIBUTION INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
CYCARE SYSTEMS CANADA LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
DATA METHODS ASSOCIATES LTD.
*ENCOM INFORMATION SYSTEMS INC.
GEAC COMPUTERS INTERNATIONAL INC.
*B.J. GILES & ASSOCIATES LIMITED
GUELPH CENTRAL COMPUTER SERVICES
HARRIS COMPUTER SYSTEMS
HONEYWELL LIMITED
*HOSPITAL COMPUTING SERVICES OF ONTARIO INC.
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
M A I CANADA LTD.
*M I S CONSULTANTS
MIKADON COMPU-SERVE
MINDORFF AND ASSOCIATES
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
OLIVETTI CANADA LIMITED
*PRIME COMPUTER OF CANADA LIMITED
REF COMPUTER CORPORATION
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIERRA SOFTWARE SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
T R W DATA SYSTEMS
TRILLIUM SOFTWARE GROUP
*VICTOR (CANADA) LIMITED
YORK CENTRAL HEALTH SYSTEMS INC.

T091 - Portfolio analysis/management/ estate planning

ACCUGRAPH CORP.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ASKEY SYSTEMS GROUP
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
*CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*PRABIR DUTT & ASSOCIATES INC.
*EPS CONSULTANTS
*EBRYS SYSTEMS CANADA INC.
*F R I INFORMATION SERVICES
*FAXTEL INFORMATION SYSTEMS LIMITED
*THE GENESYS GROUP
*B.J. GILES & ASSOCIATES LIMITED
*HOLUS SYSTEMS SOLUTIONS INC.
*HONEYTHUNDER LIMITED
INFO AGE CORPORATION
*INSYSTEMS INCORPORATED
*INVESTMENT YIELD CALCULATORS LIMITED
*IOTA CONSULTING LIMITED
*K G CONSULTING LTD.
*KEYSOFT INTERNATIONAL LIMITED
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MICRO MEGABYTE
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
*NUMETRIX LIMITED
OLIVETTI CANADA LIMITED
*PENTASOFT CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PULSE MICROSYSTEMS LTD.
SOFTWARE MATCHMAKERS INC.
SYDNEY DEVELOPMENT CORPORATION
SYSTEM DYNAMICS CORP.
T I L SYSTEMS LIMITED
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED

T093 -Process control/ instrumentation

*ACCURATE & AUTOMATIC SCALE COS. LTD.
ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
*B & B COMPUTER APPLICATIONS LTD.
BAILEY CONTROLS
*BAILEY & ROSE LTD. (Head Office)
*ROY BALL ASSOCIATES LTD.
*W.D. BUSH CONSULTING
*CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
*COMPUGEN SYSTEMS INC.
*COMPUTER CRIME INVESTIGATIONS INC.
COMPUTERTIME NETWORK CORPORATION
CONTRIC AUTOMATION LTD.
*CONTROL DATA CANADA, LTD.
DATEK INDUSTRIES LIMITED
*DEBRONE & ASSOCIATES
*DIGIMICRO INC.
*PRABIR DUTT & ASSOCIATES INC.
DY-4 SYSTEMS LTD.
*EIDETIC SYSTEMS CORPORATION
*HEWLETT - PACKARD (CANADA) LTD.
HITECH CANADA LIMITED
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*INTERFACE ANIMATION SYSTEMS INC.
*IOTA CONSULTING LIMITED
*ITRES RESEARCH LIMITED
*KERR VAYNE SYSTEMS LTD.
*LINNELL & ASSOCIATES
LOGICAID LIMITED
*MARFLEET ASSOCIATES INC.
*THE MICROELECTRONICS CENTRE
*MIKADON COMPU-SERVE
*GORDON MOLNAR & ASSOCIATES LIMITED
*NOMIS COMPUTER SYSTEMS CORPORATION
*OCTANT COMPUTERS INC.
*PATERSON-PHIPPS INTERNATIONAL INC.
*PRAXTEK SOFTWARE CORPORATION
*PRIOR DATA SCIENCES LTD.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
PURE DATA LTD.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*SYSTEMHOUSE LTD.
TEKLOGIX INC.
*TRILLIUM SOFTWARE GROUP

T093 - Process control/ instrumentation con't

*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.

T094 - Production/inventory control

*ACCURATE & AUTOMATIC SCALE COS. LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
*PAUL AHRENS AND ASSOCIATES LTD.
ALTERNATIVE THREE SYSTEMS LTD.
ARTHUR ANDERSON AND COMPANY
*ANDSOR CONSULTING INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BARAK COMPUTER SYSTEMS INC.
BURROUGHS CANADA
*W.D. BUSH CONSULTING
CABLESHARE INC.
*CANADIAN GENERAL ELECTRIC CO. LTD.,
INFORMATION SERVICES
CAPP CONSULTANTS INC.
*COHESIVE COMPUTER SYSTEMS LTD.
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
CONTROL DYNAMICS INC.
*DANDCO ENTERPRISES LIMITED
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
*DEBRONE & ASSOCIATES
*DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
*PRABIR DUTT & ASSOCIATES INC.
*ENCOM INFORMATION SYSTEMS INC.
*B.J. GILES & ASSOCIATES LIMITED
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INFORMATICS EDUCATION LTD.
*IOTA CONSULTING LIMITED
*JEDRON SOFTWARE INC.
*KALON & CO. INC.
*KEYSOFT INTERNATIONAL LIMITED
*LOGICAID LIMITED
M I S CONSULTANTS
*M R S COMPANY LIMITED
*MARFLEET ASSOCIATES INC.
MEGATEL COMPUTER CORPORATION INC.
*MIKADON COMPU-SERVE
*GORDON MOLNAR & ASSOCIATES LIMITED
*NEXUS COMPUTER CONSULTANTS
NORWAT EQUITIES LIMITED
*NUMETRIX LIMITED

T094 - Production/inventory control cont'd

*OCTANT COMPUTERS INC.
OLIVETTI CANADA LIMITED
*PATERSON-PHIPPS INTERNATIONAL INC.
*PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
*PULSE MICROSYSTEMS LTD.
*QUANTUM SOFTWARE & CONSULTANTS
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFPAK INC.
SOFTWARE DESIGN
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
STATE CONTRACTORS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SYS-TECH INC.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
TEKLOGIX INC.
TRILLIUM SOFTWARE GROUP
*TRILOGIC DATA SYSTEMS LIMITED
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.

T095 - Purchasing

A G W DATA SERVICES
*PAUL AHRENS AND ASSOCIATES LTD.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
*ASKEY SYSTEMS GROUP
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*CANADIAN BUSINESS SOLUTIONS
CAPP CONSULTANTS INC.
*COHESIVE COMPUTER SYSTEM LTD.
COMPUTECH COMPUTER SERVICES
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER - EASE LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
CONTROL DYNAMICS INC.
*BRUCE COOK AND ASSOCIATES
*DANDCO ENTERPRISES LIMITED
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DEBRONE & ASSOCIATES
*DELTA BETA CAREER DEVELOPMENT
SYSTEMS INC.
DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
DOMUS SOFTWARE LIMITED
*DROL SYSTEMS OF CANADA LTD.
DY-4 SYSTEMS INC.
*EPS CONSULTANTS
*ENCOM INFORMATION SYSTEMS INC.
*FIND LIMITED
HAMILTON SOFTWARE CONSULTANTS
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
*JEDRON SOFTWARE INC.
*LOGICAID LIMITED
M A I CANADA LTD.
M I S CONSULTANTS
*MARFLEET ASSOCIATES INC.

T095 - Purchasing cont'd

*MICRO MEGABYTE
MIKADON COMPU-SERVE
*GORDON MOLNAR & ASSOCIATES LIMITED
*MULTILEK INC.
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS
NIAKWA MANAGEMENT SYSTEMS INC.
NIXDORF CANADA LTD.
NORWAT EQUITIES LIMITED
OLIVETTI CANADA LIMITED
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PAPERFLOW SYSTEMS INC.
*PENTASOFT CORPORATION
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
*RAYMOND, CHABOT, MARTIN, PARE & ASS.
S R B INTERNATIONAL LTD.
*SIDUS SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T R W DATA SYSTEMS
TRILLIUM SOFTWARE GROUP
*TRILOGIC DATA SYSTEMS LIMITED
*TRIMAG CONSULTANTS LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*W5 ASSOCIATES INC.
*WYCOVE SYSTEMS LIMITED

T096 - Radio/TV broadcasting/ cable TV

ALPEN DEVELOPMENT LIMITED
*ASYNC CORPORATION
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BONAVENTURE SYSTEMS INC.
BURROUGHS CANADA
CANADA STAR CONSULTING
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
*DANDCO ENTERPRISES LIMITED
DATALINE INC.
*DOGWOOD SOFTWARE INC.
DOMUS SOFTWARE LIMITED
*FIND LIMITED
FOUNDATION ELECTRONIC INSTRUMENTS
*THE GENESYS GROUP
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
IMAGE BASE VIDEOTEX DESIGN INC.
*INFODYNE CORPORATION
*INTERACTIVE IMAGE TECHNOLOGIES INC.
*INTERFACE ANIMATION SYSTEMS INC.
*INTERNATIONAL CINEMEDIA CENTER LTD.
*IOTA CONSULTING LIMITED
JOHNSON COMPUTER SOFTWARE TEAM LTD.
KELCEE AND ASSOCIATES INC.
*KERR VAYNE SYSTEMS LTD.
LIMICON INC.
M A I CANADA LTD.
*MALZER AND ASSOCIATES LTD.
NCR CANADA LTD.
NABU MANUFACTURING CORPORATION
NEXUS COMPUTER CONSULTANTS
*NORPAK CORPORATION
*PAPERFLOW SYSTEMS INC.
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
ST. CLAIR VIDEOTEX DESIGN INC.
*SYSTEMHOUSE LTD.
T A F COMPUTERS SYSTEMS LTD.
T I L SYSTEMS LIMITED
T S I TRAINING SYSTEMS INTERNATIONAL
TOM THORNE ASSOCIATES LTD.
TRANSDUCTION LTD.
TRIONICS COMMUNICATIONS SYSTEMS LTD.
*VIDEOPRESS
*WATERLOO SYSTEMS SPECIALISTS LTD.

T097 - Real estate

*ASKEY SYSTEMS GROUP
*COMPUTER SCIENCES CANADA LTD.
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*CRAWFORD & GREEN INC.
*DATALINE INC.
*DATATECH SYSTEMS LTD.
*ENCOM INFORMATION SYSTEMS INC.
*ENGINEERING INTERFACE LTD.
*THE GENESYS GROUP
*B.J. GILES & ASSOCIATES LIMITED
HARRIS COMPUTER SYSTEMS
*HOLUS SYSTEMS SOLUTIONS INC.
ICL COMPUTERS CANADA LTD.
*INVESTMENT YIELD CALCULATORS LIMITED
*K G CONSULTING LTD.
M A I CANADA LTD.
MINICOM DATA CORPORATION
NABU MANUFACTURING CORPORATION
NEXUS COMPUTER CONSULTANTS
*RICHARDSON PROFIT SYSTEMS CORP.
I.P. SHARP ASSOCIATES LTD.
SYDNEY DEVELOPMENT CORPORATION
*SYSTEMHOUSE LTD.
TETRAD
TOM THORNE ASSOCIATES LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*DALE WERSHLER & ASSOCIATES LTD.

T100 - Reservation systems/ travel agencies

ALPEN DEVELOPMENT LIMITED
*ALTMAN & ASSOCIATES INC.
*ASKEY SYSTEMS GROUP
AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
CADA DATA SYSTEMS INC.
COMPUTER DISTRIBUTION INC.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
DESCARTES SYSTEMS GROUP INC.
*THE GENESYS GROUP
*HOLUS SYSTEMS SOLUTIONS INC.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
K S O SALES AGENCY LTD.
*KEYSOFT INTERNATIONAL LIMITED
LIMICON INC.
M I S CONSULTANTS
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
*NEXUS COMPUTER CONSULTANTS
OLIVETTI CANADA LIMITED
POLYMATHIC COMPUTER CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PULSE MICROSYSTEMS LTD.
*SIDUS SYSTEMS INC.
SOFTWARE MATCHMAKERS INC.
TRILLIUM SOFTWARE GROUP
*TRILOGIC DATA SYSTEMS LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
WESTINGHOUSE CANADA INC.

T102 - Engineering/scientific

ACCUGRAPH CORP.
ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
*PAUL AHRENS AND ASSOCIATES LTD.
*ALTMAN & ASSOCIATES INC.
ARTHUR ANDERSON ASSOCIATES LTD.
*ANDYNE COMPUTING LIMITED
*ASSOCIATED ENGINEERING SERVICES LTD.
*BAILEY & ROSE LTD. (Head Office)
*ROY BALL ASSOCIATES LTD.
*BURROUGHS CANADA
*W.D. BUSH CONSULTING
*CANADA STAR CONSULTING
*CANPOLAR CONSULTANTS LTD.
CARYATID SOFTWARE
COHESIVE COMPUTER SYSTEMS LTD.
COMPAL CONSULTING SERVICES
*COMPUCRAFT SYSTEMS LIMITED
COMPUGEN SYSTEMS INC.
COMPUTER INNOVATIONS
COMPUTER METHODS (CANADA) LTD.
*COMPUTER SCIENCES CANADA LTD.
COMPUTER SIGN SYSTEMS LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
*CYMBOL CYBERNETICS CORPORATION
*D & S PETROLEUM CONSULTING GROUP
DSS DECISION SUPPORT SYSTEMS LTD.
*DALSA INC.
DATAPOINT CANADA INC.
DECLAN GROUP OF COMPANIES
DROL SYSTEMS OF CANADA LTD.
*ECLECTECH SOFTWARE
*ECOTEC PETROLEUM SOFTWARE LTD.
*ELRAC COMPUTING LTD.
*ENCOM INFORMATION SYSTEMS INC.
*ENGINEERING INTERFACE LTD.
MERVIN G. FAULKNER ASSOCIATES LTD.
FILOTTI INDUSTRIES INC.
*FOUNDATION ELECTRONIC INSTRUMENTS
*THE GENESYS GROUP
GEO KARTOGRAPHICS
GROUP FIVE CONSULTING LTD.
*H-F COMPUTING SERVICES INC.
*GRANT HALLMAN ASSOCIATES LTD.
HEWLETT - PACKARD (CANADA) LTD.
KERRY T. HOWE LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*INNIS TECHNOLOGY INC.
*INTELLITECH CANADA LTD.
*IOTA CONSULTING LIMITED
K S O SALES AGENCY LTD.
*KEYSOFT INTERNATIONAL LIMITED

T102 - Engineering/scientific cont'd

*LEQ DATA LOGGING LIMITED
*O.P. LAVIN AND ASSOCIATES
*PETER LEIGH-BELL AND ASSOCIATES
*LINNELL & ASSOCIATES
MICRO MEGABYTE
*MIKADON COMPU-SERVE
*MINDORFF AND ASSOCIATES
*MINEC LTD.
*NOMAD COMPUTER SYSTEMS CORPORATIONS
*NUMETRIX LIMITED
*OCTANT COMPUTERS INC.
OMNITECH GRAPHICS SYSTEMS INC.
ORCATECH INC.
*PAPERFLOW SYSTEMS INC.
PAYTON ASSOCIATES LIMITED
*PETRIE TELECOMMUNICATIONS LTD.
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
PRONET MICRO SYSTEMS INC.
PROVINCIAL BUSINESS SYSTEMS INC.
QUELERON SCIENTIFIC COMPUTING
R-CUBED SOFTWARE HOUSE
*RAND ENGINEERING CORPORATION
*SERDULA SYSTEMS LTD.
*SIDUS SYSTEMS INC.
*SOFTOV CONSULTANTS
SOFTWARE MATCHMAKERS INC.
T A F COMPUTERS SYSTEMS LTD.
T I L SYSTEMS LIMITED
TEKTRONIX CANADA INC.
TORDATA SERVICES LTD.
TRANSDUCTION LTD.
*TRIMAG CONSULTANTS LTD.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*WATERLOO SYSTEMS SPECIALISTS LTD.
*WYCOVE SYSTEMS LIMITED
*YORK-SIMCOE COMPUTING SERVICES

T105 - Statistical/mathematical/ research/analysis

ACCUGRAPH CORP.
*ALTMAN & ASSOCIATES INC.
*BAILEY & ROSE LTD. (Head Office)
*ROY BALL ASSOCIATES LTD.
*BURROUGHS CANADA
*CANEADA ASSOCIATES LIMITED
*CANPOLAR CONSULTANTS LTD.
*COMPUGEN SYSTEMS INC.
COMPUTECH COMPUTER SERVICES
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
D & S PETROLEUM CONSULTING GROUP
*DSS DECISION SUPPORT SYSTEMS LTD.
*DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*EPS CONSULTANTS
*ECLECTECH SOFTWARE
*ECOTEC PETROLEUM SOFTWARE LTD.
F R I INFORMATION SERVICES
*FAXTEL INFORMATION SYSTEMS LIMITED
*B.J. GILES & ASSOCIATES LIMITED
*H-F COMPUTING SERVICES INC.
*HEWLETT - PACKARD (CANADA) LTD.
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*IOTA CONSULTING LIMITED
K S O SALES AGENCY LTD.
*KEYSOFT INTERNATIONAL LIMITED
*LEQ DATA LOGGING LIMITED
*O.P. LAVIN AND ASSOCIATES
*G.W. LYNCH CONSULTANTS INC.
*M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MARFLEET ASSOCIATES INC.
MICRO MEGABYTE
*MIKADON COMPU-SERVE
*MINDORFF AND ASSOCIATES
*MINEC LTD.
*MONDECAN LIMITED
NOMAD COMPUTER SYSTEMS CORPORATIONS
*NUMETRIX LIMITED
*ORGANIZATION METRICS
*PLM WORD PROCESSING SERVICES LTD.
PAYTON ASSOCIATES LIMITED
*PETRIE TELECOMMUNICATIONS LTD.
*PRAXTEK SOFTWARE CORPORATION
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.

T105 - Statistical/mathematical/ research/analyisis con't

QUELERON SCIENTIFIC COMPUTING
*S R P CONTROL SYSTEMS LTD.
*SERDULA SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*SYSTEMHOUSE LTD.
TEDAC COMPUTER SERVICES LTD.
TEKTRONIX CANADA INC.
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*DALE WERSHLER & ASSOCIATES LTD.
*WYCOVE SYSTEMS LIMITED

T111 - Textiles & clothing

*PAUL AHRENS AND ASSOCIATES LTD.
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BARAK COMPUTER SYSTEMS LTD.
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
DESCARTES SYSTEMS GROUP INC.
EIDETIC SYSTEMS CORPORATION
*HOLUS SYSTEMS SOLUTIONS INC.
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*IOTA CONSULTING LIMITED
*LEQ DATA LOGGING LIMITED
LIMICON INC.
M A I CANADA LTD.
M I S CONSULTANTS
*MARFLEET ASSOCIATES INC.
NEXUS COMPUTER CONSULTANTS LTD.
*NUMETRIX LIMITED
*PRIME COMPUTER OF CANADA LIMITED
*PULSE MICROSYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SOFTWARE MATCHMAKERS INC.
SYSTEM DYNAMICS CORP.
TRILOGIC DATA SYSTEMS LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*DALE WERSHLER & ASSOCIATES LTD.

T113 - Traffic control

*ASSOCIATED ENGINEERING SERVICES LTD.
AUTOMATED MICRO SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
*BURROUGHS CANADA
COMPUTER SCIENCES CANADA LTD.
THE COMPUTEROOM LTD.
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*FOUNDATION ELECTRONIC INSTRUMENTS
*THE GENESYS GROUP
HARRIS COMPUTER SYSTEMS
*IOTA CONSULTING LIMITED
*NEXUS COMPUTER CONSULTANTS LTD.
*PRIOR DATA SCIENCES LTD.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
SOFTWARE MATCHMAKERS INC.
TELERIDE/SAGE
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.

T117 - Utilities, transportation communications

*ADAPTIVE MICROELECTRONICS LTD.
*ADVANCED ELECTRONIC SYSTEMS LTD.
ALTERNATIVE THREE SYSTEMS LTD.
*ALTMAN & ASSOCIATES INC.
*ANDSOR CONSULTING INC.
*ASKEY SYSTEMS GROUP
*ASSOCIATED ENGINEERING SERVICES LTD.
*ASYNC CORPORATION
AUTOMATED MICRO SYSTEMS
B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
BAILEY CONTROLS
*BAILEY & ROSE LTD. (Head Office)
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
COMPUCRAFT SYSTEMS LIMITED
COMPUTECH COMPUTER SERVICES
*COMPUTER CRIME INVESTIGATIONS INC.
*COMPUTER SCIENCES CANADA LTD.
COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
*CONTROL DATA CANADA, LTD.
CONTROL DYNAMICS INC.
DSS DECISION SUPPORT SYSTEMS LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DATEK INDUSTRIES LIMITED
DIGIMICRO INC.
*ECOTEC PETROLEUM SOFTWARE LTD.
*EIDETIC SYSTEMS CORPORATION
*ENGINEERING INTERFACE LTD.
*FIND LIMITED
*FOUNDATION ELECTRONIC INSTRUMENTS
*THE GENESYS GROUP
*GRANT HALLMAN ASSOCIATES LTD.
HARRIS COMPUTER SYSTEMS
*HITECH CANADA LIMITED
*HOLUS SYSTEMS SOLUTIONS INC.
HONEYWELL LIMITED
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*IMAGE BASE VIDEOTEX DESIGN INC.
*IOTA CONSULTING LIMITED
*KERR VAYNE SYSTEMS LTD.
*LEQ DATA LOGGING LIMITED
LIMICON INC.
*LOGICAID LIMITED
M A I CANADA LTD.
*MALZER AND ASSOCIATES LTD.

T117 - Utilities/transportation communications cont'd

*MARFLEET ASSOCIATES INC.
*MICROSTAR SOFTWARE LTD.
MINITRONICS OF CANADA LTD.
*MONDECAN LIMITED
NCR CANADA LTD.
*NBTEL DATA
NELSON BUSINESS MACHINES LIMITED
*NEXUS COMPUTER CONSULTANTS LTD.
NOMAD COMPUTER SYSTEMS CORPORATIONS
*NUMETRIX LIMITED
*OFFICESMITHS INC.
*PETRIE TELECOMMUNICATIONS LTD.
*PRIME COMPUTER OF CANADA LIMITED
*PRIOR DATA SCIENCES LTD.
*RAND ENGINEERING CORPORATION
*S R P CONTROL SYSTEMS LTD.
*SAGE MANAGEMENT CONSULTANTS
*SERDULA SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
SIMWARE INC.
*SOFTOV CONSULTANTS
*THE SOFTWARE GROUP
SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SYS-TECH INC.
SYSTEM DYNAMICS CORP.
*SYSTEMHOUSE LTD.
T I L SYSTEMS LIMITED
*T S I TRAINING SYSTEMS INTERNATIONAL
*TELERIDE/SAGE
*TOM THORNE ASSOCIATES LTD.
TRANSDUCTION LTD.
*TRIMAG CONSULTANTS LTD.
TRIONICS COMMUNICATIONS SYSTEMS LTD.
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
DALE WERSHLER & ASSOCIATES LTD.

T120 - Word processing/ office automation

ALL COMPUTERS INC.
*ALTMAN & ASSOCIATES INC.
ANTARES COMPUTER SERVICES INC.
*ASKEY SYSTEMS GROUP
AUTOMATED LANGUAGE PROCESSING SYSTEMS LTD.
*AUTOMATED MICRO SYSTEMS
*B D H COMPUTER SYSTEMS INC.
BMB COMPUSCIENCE CANADA LTD.
*BAILEY & ROSE LTD. (Head Office)
*BARAK COMPUTER SYSTEMS LTD.
BASIC SOFTWARE GROUP INC.
*BONAVENTURE SYSTEMS INC.
BULLOCH SYSTEMS
*BURROUGHS CANADA
BURROUGHS CANADA
CABLESHARE INC.
CADA DATA SYSTEMS INC.
*CENTRALIZED INSURANCE MANAGEMENT
*COHESIVE COMPUTER SYSTEMS LTD.
*COMPUFLOW
*COMPUGEN SYSTEMS INC.
*COMPUTER DISCOVERY
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
*COMPUTER SCIENCES CANADA LTD.
*COMPUTER - EASE LTD.
COMPUTERTIME NETWORK CORPORATION
*BRUCE COOK AND ASSOCIATES
D E SYSTEMS LTD.
*DANDCO ENTERPRISES LIMITED
DATA LABS LIMITED
*DATALINE INC.
DATAMEX LTD.
*DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
*DEBRONE & ASSOCIATES
DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
*DELTA-SIGMA SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
DOMUS SOFTWARE LIMITED
DY-4 SYSTEMS INC.
*EBRYS SYSTEMS CANADA INC.
*FIND LIMITED
GEAC COMPUTERS INTERNATIONAL INC.
*THE GENESYS GROUP
GUELPH CENTRAL COMPUTER SERVICES
HARRIS COMPUTER SYSTEMS
*HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
*HOLUS SYSTEMS SOLUTIONS INC.
*HONEYTHUNDER LIMITED

T120 - Word processing/ office automation cont'd

HYPERION (BYTEC)
*IBM CANADA LTD./IBM CANADA LTEE
ICL COMPUTERS CANADA LTD.
*INFO AGE CORPORATION
*INFODYNE CORPORATION
*INSYSTEMS INCORPORATED
*IOTA CONSULTING LIMITED
*ITRES RESEARCH LIMITED
K S O SALES AGENCY LTD.
KENDRICK, CLARKE INC.
*KEYSOFT INTERNATIONAL LIMITED
*LOGICAID LIMITED
M A I CANADA LTD.
*M I S CONSULTANTS
*MALZER AND ASSOCIATES LTD.
MEGATEL COMPUTER CORPORATION INC.
MICOM CO.
*MICRO MEGABYTE
MICROWEST DISTRIBUTING LTD.
*MIKADON COMPU-SERVE
*MINITRONICS OF CANADA LTD.
*GORDON MOLNAR & ASSOCIATES LIMITED
MONDECAN LIMITED
*MULTILEK INC.
NCR CANADA LTD.
NELSON BUSINESS MACHINES LIMITED
NIAKWA MANAGEMENT SYSTEMS INC.
NIXDORF CANADA LTD.
NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS)
NORWAT EQUITIES LIMITED
*OCRA COMMUNICATIONS INC.
OFFICESMITHS INC.
OLIVETTI CANADA LIMITED
*P L M WORD PROCESSING SERVICES LTD.
*P W T COMPUTER GROUP LTD.
*PAPERFLOW SYSTEMS INC.
*PRIME COMPUTER OF CANADA LIMITED
PRO-LINE SOFTWARE LTD.
*PROTAS INNOVATIONS INC.
PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
PROVINCIAL BUSINESS SYSTEMS INC.
*RECOGNITION EQUIPMENT (CANADA) LTD.
*ROMUALDI BUSINESS SERVICES
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SIMPLIFIED OPERATING SYSTEMS INC.
SOFPAK INC.
SOFTWARE DESIGN
*THE SOFTWARE GROUP

T120 - Word processing/office automation con't

SOFTWARE MATCHMAKERS INC.
SPECTRIX MICROSYSTEMS INC.
*P.M. SULCS & ASSOCIATES LTD.
*SUNSHINE SOFTWARE
*SYS-TECH INC.
*SYSTEMHOUSE LTD.
T I L SYSTEMS LIMITED
T R W DATA SYSTEMS
TRILLIUM SOFTWARE GROUP
*TRILOGIC DATA SYSTEMS LIMITED
ULTEC COMPUTER CORPORATION
*VICTOR (CANADA) LIMITED
*WARREN INSTROTECH LTD.
*ZEMOS SYSTEMS LIMITED

T132 - Management sciences

ACCUGRAPH CORP.
ADAPTIVE MICROELECTRONICS LTD.
*ALTMAN & ASSOCIATES INC.
*BAILEY & ROSE LTD. (Head Office)
*BURROUGHS CANADA
CADA DATA SYSTEMS INC.
*COMPUFLOW
COMPUTERTIME NETWORK CORPORATION
COMSHARE LIMITED
*CONTROL DATA CANADA, LTD.
*DSS DECISION SUPPORT SYSTEMS LTD.
DATA METHODS ASSOCIATES LTD.
*DATALINE INC.
DATAPOINT CANADA INC.
*DATATECH SYSTEMS LTD.
DESCARTES SYSTEMS GROUP INC.
DOMUS SOFTWARE LIMITED
*PRABIR DUTT & ASSOCIATES INC.
*EPS CONSULTANTS
*EWT CANADIAN PRODUCTIVITY IMPROVEMENT CENTRES LTD.
ECOTEC PETROLEUM SOFTWARE LTD.
*H-F COMPUTING SERVICES INC.
*IBM CANADA LTD./IBM CANADA LTEE
INFO AGE CORPORATION
*INNIS TECHNOLOGY INC.
*IOTA CONSULTING LIMITED
*K G CONSULTING LTD.
*KEYSOFT INTERNATIONAL LIMITED
*M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
*MARFLEET ASSOCIATES INC.
MICRO MEGABYTE
MIKADON COMPU-SERVE
*MINEC LTD.
*NUMETRIX LIMITED
*PAPERFLOW SYSTEMS INC.
*PRIME COMPUTER OF CANADA LIMITED
RICHARDSON PROFIT SYSTEMS CORP.
*S R P CONTROL SYSTEMS LTD.
I.P. SHARP ASSOCIATES LTD.
*SIDUS SYSTEMS INC.
*SIMPACT EDUCATION & TRAINING LTD.
SOFPAK INC.
SOFTWARE MATCHMAKERS INC.
*SYSTEM DYNAMICS CORP.
*TRIMAG CONSULTANTS LTD.
*VICTOR (CANADA) LIMITED
*WATERLOO SYSTEMS SPECIALISTS LTD.
*WYCOVE SYSTEMS LIMITED

DISTRIBUTORS - HARDWARE/SOFTWARE

W002 - Computers-Mainframes/Minis/Micros/Graphics Systems

ACCUGRAPH CORP.
ACCURATE & AUTOMATIC SCALE COS. LTD.
ADVANCED ELECTRONIC SYSTEMS LTD.
ALL COMPUTERS INC.
BMB COMPUSCIENCE CANADA LTD.
BAILEY CONTROLS
BARAK COMPUTER SYSTEMS INC.
COHESIVE COMPUTER SYSTEMS LTD.
COMBAC MANAGEMENT CORP.
COMPUGEN SYSTEMS
COMPUTECH COMPUTER SERVICES
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
CONTROL DATA CANADA, LTD.
D.E. SYSTEMS
DANDCO ENTERPRISES LIMITED
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
DELTA-SIGMA SYSTEMS LTD.
PRABIR DUTT AND ASSOCIATES
B.J. GILES AND ASSOCIATES
GUELPH CENTRAL COMPUTER SERVICES INC.
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
IMAGE BASE VIDEOTEX DESIGN
INTERACTIVE CONSULTING GROUP INC.
INTERACTIVE IMAGE TECHNOLOGIES
J L D COMPUTER SERVICES, INC.
KEYSOFT INTERNATIONAL LIMITED
LIMICON INC.
MIKADON COMPU-SERVE
MINEC LTD.
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NABU MANUFACTURING CORPORATION
NBTEL DATA
NIAKWA MANAGEMENT SYSTEMS INC.
NOMIS COMPUTER SYSTEMS CORP.
OCEANIC INFORMATION SYSTEMS INC.
P W T COMPUTER GROUP
PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
 APPLICATIONS INC.
PURE DATA

W002 - Computers-Mainframes/Minis/Micros/Graphics Systems con't

RECOGNITION EQUIPMENT (CANADA) LTD.
SHAMROCK COMPUTER INC.
I.P. SHARP AND ASSOCIATES
SIDUS SYSTEMS INC.
ST. CLAIR VIDEOTEX DESIGN
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
SYSTEMHOUSE LTD.
T A F COMPUTER SYSTEMS INC.
T D C GRAPHICS
TEKTRONIX CANADA INC.
TETRAD COMPUTER APPLICATIONS
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED
VICTOR (CANADA) LIMITED
XEROX CANADA INC.
ZEMOS SYSTEMS LIMITED

W004 - Data communications equipment Modems/Multiplexors/ Controllers

ACCUGRAPH CORP.
LOUIS ALBERT ASSOCIATES INC.
ALLCOM DATA LIMITED
BMB COMPUSCIENCE CANADA LTD.
CENTRALIZED INSURANCE MANAGEMENT LTD.
COHESIVE COMPUTER SYSTEMS LTD.
COMBAC MANAGERMENT CORP.
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
CONTROL DATA CANADA, LTD.
CONTROL DYNAMICS INC.
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
DELTA-SIGMA SYSTEMS LTD.
ESE LIMITED
ELECTROHOME ELECTRONICS
FILOTTI INDUSTRIES
FOUNDATION ELECTRONIC INSTRUMENTS
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
INTERACTIVE CONSULTING GROUP
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NBTEL DATA
P L M WORD PROCESSING SERVICES LTD.
P W T COMPUTER GROUP
PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
 APPLICATIONS INC.
PURE DATA
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TEKTRONIX CANADA INC.
TRANSDUCTION LTD.
VICTOR (CANADA) LIMITED

W005 - Data entry equipment-OCR/Voice

ADEUM ELECTRONICS
LOUIS ALBERT ASSOCIATES INC.
BMB COMPUSCIENCE CANADA LTD.
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
CONTROL DATA CANADA, LTD.
DEBRONE & ASSOCIATES
DELTA-SIGMA SYSTEMS LTD.
ESE LIMITED
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MICOS COMPUTER SYSTEMS INC.
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NBTEL DATA
OCEANIC INFORMATION SYSTEMS INC.
P L M WORD PROCESSING SERVICES LTD.
PRIME COMPUTER OF CANADA LIMITED
RECOGNITION EQUIPMENT (CANADA) LTD.
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TORONTO WORD PROCESSING CENTER
ULTEC COMPUTER CORPORATION

W006 - Disk equipment

ALL COMPUTERS INC.
BMB COMPUSCIENCE CANADA LTD.
COMBAC MANAGEMENT CORP
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
CONTROL DATA CANADA, LTD.
D E SYSTEMS LTD
DATAPOINT CANADA INC.
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
INTERACTIVE CONSULTING GROUP LTD.
J L D COMPUTER SERVICES, INC.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MEGATEL COMPUTER CORPORATION INC.
MICOS COMPUTER SYSTEMS INC.
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NBTEL DATA
NIAKWA MANAGEMENT SYSTEMS INC.
P L M WORD PROCESSING SERVIES LIMITED
PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
 APPLICATIONS INC.
PURE DATA
SHAMROCK COMPUTERS INC.
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TEKTRONIX CANADA INC.
TRANSDUCTION LTD.
VICTOR (CANADA) LIMITED

W007 - Furniture/Storage equipment/ Dust control/Security

ADEUM ELECTRONICS
LOUIS ALBERT ASSOCIATES INC.
BMB COMPUSCIENCE CANADA LTD.
BURROUGHS CANADA
CANADIAN WORD PROCESSING SUPPLY
 COMPANY
COHESIVE COMPUTER SYSTEMS LTD.
DASCO DATA PRODUCTS
DATA RIBBON LIMITED
DEBRONE & ASSOCIATES
DELTA-SIGMA SYSTEMS LTD.
DIAMCO
G & M SALES
HEWLETT - PACKARD (CANADA) LTD.
KEYSOFT INTERNATIONAL LIMITED
MINEC LTD.
MINITRONICS OF CANADA LTD.
P L M WORD PROCESSING SERVICES LTD.
P W T COMPUTER GROUP
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
ULTEC COMPUTER CORPORATION

W008 - Media/supplies

ANTI-GLARE MATERIAL CANADA INC.
BMB COMPUSCIENCE CANADA LTD.
BURROUGHS CANADA
CANADIAN WORD PROCESSING SUPPLY COMPANY
COHESIVE COMPUTER SYSTEMS
COMMUNICATIONS ANIMA Ltee
COMPUTECH COMPUTER SERVICES
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER INNOVATIONS
CONTROL DATA CANADA, LTD.
BRUCE COOK AND ASSOCIATES
DATA RIBBON LIMITED
DATAPOINT CANADA INC.
G & M SALES
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MICOM CO.
MIKADON COMPU-SERVE
MINITRONICS OF CANADA LTD.
NBTEL DATA
NIAKWA MANAGEMENT SYSTEMS INC.
P W T COMPUTER GROUP
PRIME COMPUTER OF CANADA LIMITED
SHAMROCK COMPUTER INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSCOR COMPUTER PRODUCTS INC.
SYSTEM DYNAMICS CORP.
T A F COMPUTERS SYSTEMS LIMITED
T S I TRAINING SYSTEMS INTERNATIONAL
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED

W010 - Plotters

ACCUGRAPH CORP.
BMB COMPUSCIENCE CANADA LTD
BARAK COMPUTER SYSTEMS INC.
COMPUTER & SOFTWARE DISTRIBUTORS
CONTROL DATA CANADA, LTD.
G & M SALES
HEWLETT - PACKARD (CANADA) LTD.
KEYSOFT INTERNATIONAL LIMITED
MICOS COMPUTER SYSTEMS INC.
NELMA DATA CORPORATION
PLM WORD PROCESSING SERVICES LIMITED
PRIME COMPUTER OF CANADA LIMITED
TAF COMPUTERS SYSTEMS LIMITED
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
TEKTRONIX CANADA INC.

W011 - Printers/COM Equipment

ACCUGRAPH CORP.
ACCURATE & AUTOMATIC SCALE COS. LTD.
BMB COMPUSCIENCE CANADA LTD.
BAILEY CONTROLS
CEM-TECH SOFTWARE INC.
CENTRALIZED INSURANCE MANAGEMENT
COHESIVE COMPUTER SYSTEMS
COMBAC MANAGEMENT CORP.
COMPUGEN SYSTEMS
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTECH COMPUTER SERVICES
COMPUTER INNOVATIONS
CONTROL DATA CANADA, LTD.
D E SYSTEMS LTD.
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
GUELPH CENTRAL COMPUTER SERVICES INC.
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
INTERACTIVE CONSULTING GROUP
J·L D COMPUTER SERVICES, INC.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MEGATEL COMPUTER CORPORATION INC.
MIKADON COMPU-SERVE
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NBTEL DATA
NIAKWA MANAGEMENT SYSTEMS INC.
P W T COMPUTER GROUP
PRIME COMPUTER OF CANADA LIMITED
PURE DATA
RECOGNITION EQUIPMENT (CANADA) LTD.
SHAMROCK COMPUTER INC.
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TEKTRONIX CANADA INC.
VICTOR (CANADA) LIMITED
ZEMOS SYSTEMS LIMITED

W012 - Software

ACCUGRAPH CORP.
ACCURATE & AUTOMATIC SCALE COS. LTD.
ALL COMPUTERS INC.
AUTOMATED LANGUAGE PROCESSING SYSTEMS
BMB COMPUSCIENCE CANADA LTD.
BURROUGHS CANADA
COHESIVE COMPUTER SYSTEMS LTD.
COMMUNICATIONS ANIMA Ltee
COMPUTECH COMPUTER SERVICES
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER DISTRIBUTION INC.
COMPUTER INNOVATIONS
COMPUTERTIME NETWORK CORPORATION
CONTROL DATA CANADA, LTD.
CYMBOL CYBERNETICS CORPORATION
DANDCO ENTERPRISES LIMITED
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
PRABIR DUTT & ASSOCIATES INC.
GUELPH CENTRAL COMPUTER SERVICES INC.
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
HUMAN COMPUTING RESOURCES
IMAGE BASE VIDEOTEX DESIGN INC.
INTERACTIVE CONSULTING GROUP INC.
INTERACTIVE IMAGE TECHNOLOGIES INC.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
O.P. LAVIN
MEGATEL COMPUTER CORPORATION INC.
MICOM CO.
MICOS COMPUTER SYSTEMS
MICRO WAYS
MIKADON COMPU-SERVE
MINEC LTD.
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.
NBTEL DATA
NEXUS COMPUTER CONSULTANTS
NIAKWA MANAGEMENT SYSTEMS INC.
OCEANIC INFORMATION SYSTEMS
PLM WORD PROCESSING SERVICES LIMITED
PAYTON ASSOCIATES LIMITED
PRIME COMPUTER OF CANADA LIMITED
PROFESSIONAL COMPUTER SYSTEMS
PROTEUS COMPUTER BUSINESS
APPLICATIONS INC.
SERDULA SYSTEMS LTD.
SIDUS SYSTEMS INC.
THE SOFTWARE GROUP
SPECTRIX MICROSYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.

W012 - Software con't

SYSTEMHOUSE LIMITED, TECHNICAL
SYSTEMS DIVISION
T S I TRAINING SYSTEMS INTERNATIONAL
TEKTRONIX CANADA INC.
TETRAD COMPUTER APPLICATIONS LTD.
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED

W013 - Tape equipment

ACCUGRAPH CORP.
ADEUM ELECTRONICS
LOUIS ALBERT ASSOCIATES INC.
BMB COMPUSCIENCE CANADA LTD.
BARAK COMPUTER SYSTEMS INC.
COMPUTECH COMPUTER SERVICES
COMPUTER DISTRIBUTION INC.
DATAPOINT CANADA INC.
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
J L D COMPUTER SERVICES, INC.
MULTILEK INC.
NBTEL DATA
PRESENTEY ENGINEERING PRODUCTS LTD.
PRIME COMPUTER OF CANADA LIMITED
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TEKTRONIX CANADA INC.
TRANSDUCTION LTD.
VICTOR (CANADA) LIMITED

W014 - Terminals

BMB COMPUSCIENCE CANADA LTD.
CENTRALIZED INSURANCE MANAGEMENT
COHESIVE COMPUTER SYSTEMS LTD.
COMBAC MANAGEMENT CORP.
COMPUGEN SYSTEMS
COMPUTECH COMPUTER SERVICES
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER DISTRIBUTION INC.
CONTROL DATA CANADA, LTD.
D E SYSTEMS LTD.
DANDCO ENTERPRISES LIMITED
DATAPOINT CANADA INC.
DEBRONE & ASSOCIATES
DELTA-SIGMA SYSTEMS
E S E LIMITED
ELECTROHOME ELECTRONICS
HARRIS COMPUTER SYSTEMS
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
J L D COMPUTER SERVICES, INC.
KEYSOFT INTERNATIONAL LIMITED
K.O. MAIR ASSOCIATES LIMITED
MINICOM DATA CORPORATION
MINITRONICS OF CANADA LTD.
MULTILEK INC.
NBTEL DATA
NELMA DATA CORP.
NIAKWA MANAGEMENT SYSTEMS INC.
PLM WORD PROCESSING SERVICES LTD.
PRIME COMPUTER OF CANADA LIMITED
PROTEUS COMPUTER BUSINESS
 APPLICATIONS INC.
RECOGNITION EQUIPMENT
SIDUS SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TAF COMPUTERS SYSTEMS LTD.
TEKTRONIX CANADA INC.
TRANSDUCTION LTD.
TRIONICS COMMUNICATIONS SYSTEMS LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED
XEROX CANADA INC.
ZEMOS SYSTEMS LIMITED

W015 - Word processors

ALL COMPUTERS INC.
BMB COMPUSCIENCE CANADA LTD.
BARAK COMPUTER SYSTEMS INC.
COHESIVE COMPUTER SYSTEMS LTD.
COMBAC MANAGEMENT CORP
COMPUTER & SOFTWARE DISTRIBUTORS
COMPUTER DISTRIBUTION INC.
D E SYSTEMS LTD.
DANDCO ENTERPRISES LIMITED
DATAPOINT CANADA INC.
DELTA-SIGMA SYSTEMS LTD.
GRAHAM AND WOLFE AND ASSOCIATES
HEWLETT - PACKARD (CANADA) LTD.
HOFSTETTER BUSINESS PRODUCTS LTD.
KEYSOFT INTERNATIONAL LIMITED
MICOM CO.
MULTILEK INC.
NABU MANUFACTURING CORPORATION
NBTEL DATA
NIAKWA MANAGEMENT SYSTEMS INC.
OPTOTEK LTD.
PLM WORD PROCESSING SERVICES LIMITED
PWT COMPUTER GROUP
PAPERFLOW SYSTEMS INC.
PRIME COMPUTER OF CANADA LIMITED
PROFESSIONAL COMPUTER SYSTEMS LTD.
PROTEUS COMPUTER BUSINESS
 APPLICATIONS INC.
RECOGNITION EQUIPMENT (CANADA) LTD.
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEM DYNAMICS CORP.
TRANSDUCTION LTD.
ULTEC COMPUTER CORPORATION
VICTOR (CANADA) LIMITED
XEROX CANADA INC.
ZEMOS SYSTEMS LIMITED

W016 - Computers/microprocessor controlled equipment

ACCURATE & AUTOMATIC SCALE COS. LTD.
LOUIS ALBERT ASSOCIATES INC.
ALLCOM DATA LIMITED
COMPUTECH COMPUTER SERVICES
COMPUTER INNOVATIONS
CONTROL DATA CANADA, LTD.
CONTROL DYNAMICS INC.
DEBRONE & ASSOCIATES
HEWLETT - PACKARD (CANADA) LTD.
INTERACTIVE IMAGE TECHNOLOGIES INC.
KEYSOFT INTERNATIONAL LIMITED
MULTILEK INC.
NBTEL DATA
PLM WORD PROCESSING SERVICES LIMITED
PAYTON ASSOCIATES LIMITED
PRIME COMPUTER OF CANADA LIMITED
PURE DATA
RECOGNITION EQUIPMENT (CANADA) LTD.
SERDULA SYSTEMS LTD.
SIDUS SYSTEMS INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSTEMHOUSE LIMITED, TECHNICAL
 SYSTEMS DIVISION
T S I TRAINING SYSTEMS INTERNATIONAL
TEKTRONIX CANADA INC.
TERRA SCIENCE SYSTEMS LTD.
TRANSDUCTION LTD.
VICTOR (CANADA) LIMITED

CONSULTING SERVICES

X004- Accounting

ABELIAN GROUP 1 INC
ANSCO DATA SYSTEMS LIMITED
ASCOT COMPUTING INC.
BIRCHWIND INFOSYSTEMS LTD.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CAPITAL-WEST INVESTMENT CORPORATION
CEM-TECH SOFTWARE INC.
CENTENNIAL COMPUTER SERVICES
CENTRALIZED INSURANCE MANAGEMENT
CHURCHILL LEPAGE AND COMPANY
COLLINS & MOON LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CONTROL MANAGEMENT CO.
CURRIE COOPERS & LYBRAND LTD.
CUSTOM MICRO SYSTEMS LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA LOGIC CANADA
DATA METHODS ASSOCIATES LTD.
DATASOFT DYNAMICS CORP. LTD.
PEGGY DEAN & ASSOCIATES
DIALETIC COMPUTER SERVICES LTD.
DYAD COMPUTER SYSTEMS LTD.
DYNAMIC DATA LTD.
EPW & ASSOCIATES
R.W. EVANS RESEARCH CORPORATION
FIRMWARE INC.
ALEX GALLEY & ASSOCIATES INC.
GOLDSTRAW & ASSOCIATES
GRAHAM AND WOLFE & ASSOCIATES
R.G. GRAY & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
GROUP FIVE CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
R.J. HANSEN ASSOCIATES LTD.
HUGH E. HARDIE & ASSOCIATES INC.
HEYDON CONSULTING ASSOCIATES INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOWARD HONICKMAN AND ASSOCIATES LTD
HUMBER - MARSH ENTERPRISES LTD.
WILLIAM G. HUTCHISON & COMPANY LTD.
IMATA SYSTEMS CORP.
INDUSTRIAL LIFE TECHNICAL SERVICES
INFORMATICS EDUCATION LTD.
INTERACTIVE CONSULTING GROUP INC.
INTERNATIONAL SYSTEMS CONSULTANTS

X004- Accounting con't

J L D COMPUTER SERVICES, INC.
J.R. JACOBS & ASSOCIATES LTD.
JOMAR COMPUTER SYSTEMS
K R M CONSULTING LIMITED
LORNE KASTNER
KEARNEY MANAGEMENT CONSULTANTS
LOECUS CONSULTING GROUP INC.
LOGICAID LIMITED
LOGICAL APPROACH LIMITED
LOGICAL DESIGN INC.
M & M CONSULTING
M.A. SYSTEMS (CANADA) LTD.
MCL BUSINESS COMPUTERS
MLPI BUSINESS SYSTEMS INC.
MS MANAGEMENT & SYSTEMS LTD.
MSH & ASSOCIATES
MSS/DP INC.
MANAGEMENT COUNSEL INTERNATIONAL
MARFLEET ASSOCIATES INC.
NEUCOM COMPTUER SYSTEMS INC.
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OCTANT COMPUTERS INC.
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
DAVID A. PATTERSON COMPUTER CONSULTING SERVICES
PENIK MANAGEMENT LIMITED
PLM WORD PROCESSING SERVICES LIMITED
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
DEAN PONCE & ASSOCIATES
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PROFESSIONAL COMPUTER SYSTEMS LTD.
QUADRUS ASSOCIATES
QUANTUM INFORMATION RESOURCES LTD.
QUASAR SYSTEMS LTD.
R P W SYSTEMS AND SERVICES Inc.
S & S SOFTWARE LTD.
SCA SYSTEMS LIMITED
IRENE SEREDY
JUDEE A. SIBBITT & ASSOC.
THE SMARTS
SYNCHRONIZED INFORMATION SYSTEMS
SYSDOC INTERNATIONAL INC.
SYSTEMATIX CONSULTANTS INC.
TLB ASSOCIATES
TELE-SPACE INFORMATION
THORNE-RIDDELL
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.

X004 - Accounting con't

TYRIE AND ASSOCIATES
ULTRACOM CONSULTING SERVICES LTD.
UNIMARK ASSOCIATES
W5 ASSOCIATES INC.
JAMES WILLETT PARTNERS
JOHN W. WLAIKO SYSTEMS
XIS4 CONSULTANTS

X006 - Agriculture, forestries, fisheries

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CANADIAN MARKETING ASSOCIATES
CANPOLAR CONSULTANTS LTD.
DMR AND ASSOCIATES
H D C TELECOM INC.
HONEYTHUNDER LIMITED
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
MIKADON COMPU-SERVE
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
QUASAR SYSTEMS LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RELIANCE TECHNICAL RECRUITMENT LTD
S & S SOFTWARE LTD.
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TRIGON SYSTEMS GROUP INC.
VERICOM SYSTEMS LTD.
WESTERN FARM COMPUTERS

X009 - Banking, savings & loan/credit bureaus

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CHURCHILL LEPAGE AND COMPANY
COMMUNICATIONS ANIMA Lte
DMR AND ASSOCIATES
DATA KINETICS LTD.
R.W. EVANS RESEARCH CORP.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HONEYWELL LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
IMATA SYSTEMS CORP.
IOTA CONSULTING LIMITED
KALON & CO. INC.
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
S & S SOFTWARE LTD.
SYSDOC INTERNATIONAL INC.
SYSTEMHOUSE LTD.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.

X016 - Chemicals and allied products

W.D. BUSH CONSULTING
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CANADIAN MARKETING ASSOCIATES
CANPOLAR CONSULTANTS LTD.
DMR AND ASSOCIATES
ALEX GALLEY & ASSOCIATES INC.
GRANT HALLMAN ASSOCIATES LTD.
HOLUS SYSTEMS SOLUTIONS INC.
KALON & CO. INC.
LOGICAL DESIGN INC.
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
THE MICROELECTRONICS CENTRE
NOMIS COMPUTER SYSTEMS CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RELIANCE TECHNICAL RECRUITMENT LTD.
T S I TRAINING SYSTEMS INTERNATIONAL
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
ZENON ENVIRONMENTAL INC.

X019 - CAD/CAM graphics

CHURCHILL LEPAGE AND COMPANY
DMR AND ASSOCIATES
DSS DECISION SUPPORT SYSTEMS LTD.
R.W. EVANS RESEARCH CORP.
B.J. GILES & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
GROUP FIVE CONSULTING LTD.
INTERFACE ANIMATION SYSTEMS INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
S R P CONTROL SYSTEMS LTD.
P.M. SULCS & ASSOCIATES LTD.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS

X023 - Construction

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CAPITAL-WEST INVESTMENT CORPORATION
COMPUTER APPLICATION TECHNIQUES LTD.
DMR AND ASSOCIATES
DOGWOOD SOFTWARE INC.
ENCOM INFORMATION SYSTEMS INC.
GROUP FIVE CONSULTING LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
MIKADON COMPU-SERVE
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
R P W SYSTEMS AND SERVICES Inc.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RELIANCE TECHNICAL RECRUITMENT LTD.
S R P CONTROL SYSTEMS LTD.
TEAM APPROACH LTD.
TETRAD COMPUTER APPLICATIONS LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.

X032- CAI/CAL Academic Environment

AIKINS BENTLEY AND ASSOCIATES
ARTHUR ANDERSON & CO., MANAGEMENT CONSULTANTS
ASYNC CORPORATION
CANEADA ASSOCIATES LIMITED
COHESIVE COMPUTER SYSTEMS LTD.
COMMUNICATIONS ANIMA Lte
COMPU-PIX LTD.
CUSTOM MICRO SYSTEMS LTD.
D.E. SYSTEMS LTD.
DMR AND ASSOCIATES
DATA LOGIC CANADA
PEGGY DEAN & ASSOCIATES
DECISION DYNAMICS CORPORATION
DUCROS, MEILLEUR, ROY & ASSOCIATES
DYAD COMPUTER SYSTEMS LTD.
EPW & ASSOCIATES
ENVIRONICS RESEARCH GROUP LTD.
R.W. EVANS RESEARCH CORPORATION
FUTUREPLAN CONSULTING SERVICES
PAUL GAZDA
GOURLIE & ASSOCIATES
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
R.J. HANSEN ASSOCIATES LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HUMBER - MARSH ENTERPRISES LTD.
WILLIAM G. HUTCHISON & COMPANY LTD.
IBM CANADA LTD./IBM CANADA LTEE
INDUSTRIAL LIFE TECHNICAL SERVICES
INTERNATIONAL SYSTEMS CONSULTANTS
J.S.L. ASSOCIATES CONSULTING
J.R. JACOBS & ASSOCIATES LTD.
K.B. JENSEN & ASSOCIATES INC.
JOMAR COMPUTER SYSTEMS
KEARNEY MANAGEMENT CONSULTANTS
KINGSCROSS MANAGEMENT CONSULTANTS
PETER LEIGH-BELL AND ASSOCIATES
THE LEVY-COUGHLIN PARTNERSHIP
LOGICAL APPROACH LIMITED
PAUL LYONS & ASSOCIATES
M & M CONSULTING
MSS/DP INC.
MANAGEMENT COUNSEL INTERNATIONAL INC
CLAUS W.G. NABERT
NEUCOM COMPUTER SYSTEMS INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
ROBB OGILVIE ASSOCIATES
P.F. OLIPHANT & R.C. WHITE
OMER ASSOCIATES
DAVID A. PATTERSON COMPUTER CONSULTING SERVICES

X032- CAI/CAL Academic Environment con't

POLICY RESEARCH GROUP (PRG) INC.
DEAN PONCE & ASSOCIATES
PRIME COMPUTER OF CANADA LIMITED
PROFESSIONAL COMPUTER SYSTEMS LTD.
PULSE MICROSYSTEMS LTD.
QUANTUM INFORMATION RESOURCES LTD.
JUDEE A. SIBBITT & ASSOC.
SLOT MASON CONSULTANTS INC.
THE SMARTS
SYSDOC INTERNATIONAL INC.
SYSTEMATIX CONSULTANTS INC.
SYSTEMHOUSE LTD.
THE TORONTO RESEARCH CENTRE
TOUCHE ROSS & PARTNERS
ULTRACOM CONSULTING SERVICES LTD.
VERICOM SYSTEMS LTD.
J. R. WOLOFSKY SYSTEMS RESEARCH CO.
WOODS GORDON MANAGEMENT CONSULTANTS
YORK UNIVERSITY INSTITUTE FOR BEHAVIOURAL RESEARCH
YORK-SIMCOE COMPUTING SERVICES

X037- Financial analysis and reporting

AIKINS BENTLEY AND ASSOCIATES
ARTHUR ANDERSON & CO., MANAGEMENT CONSULTANTS
BLAINEY ASSOCIATES LTD.
BLUEBANK ASSOCIATES
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
DMR AND ASSOCIATES
DOGWOOD SOFTWARE INC.
PRABIR DUTT & ASSOCIATES INC.
EVANS RESEARCH CORPORATION
GKD FINANCIAL MANAGEMENT SERVICES
ALEX GALLEY & ASSOCIATES INC.
H-F COMPUTING SERVICES INC.
HST INFORMATION SYSTEMS LTD.
HUGH E. HARDIE & ASSOCIATES INC.
HOWARD HONICKMAN AND ASSOCIATES LTD.
INMARINT INTERNATIONAL MARKETING
JOMAR COMPUTER SYSTEMS
K R M CONSULTING LIMITED
KALON & CO. INC.
KEARNEY MANAGEMENT CONSULTANTS
KINGSCROSS MANAGEMENT CONSULTANTS
LANSDOWNE CONSULTING GROUP
LAURENCE GORDON ASSOCIATES
PETER LEIGH-BELL AND ASSOCIATES
LEMMEX & ASSOCIATES LTD.
LOGICAL APPROACH LIMITED
LOGICAL DESIGN INC.
THE LOGICAL WRITING AND PUBLISHING COMPANY LTD.
PAUL LYONS & ASSOCIATES
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
MCL BUSINESS COMPUTERS
MS MANAGEMENT & SYSTEMS LTD.
MacGILLIVRAY & CO.
MARFLEET ASSOCIATES INC.
MOBIUS SOFTWARE (1981) LIMITED
NETWORK TECHNOLOGIES UNLIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OVEX BUSINESS SYSTEMS LTD.
PRICE WATERHOUSE ASSOCIATES
SILVERBERG
SHAWINIGAN ENERGY CONSULTANTS LTD.

X037- Financial analysis and reporting con't

SLOT MASON CONSULTANTS INC.
THE SMARTS
SYSDOC INTERNATIONAL INC.
SYSTECH COMPUTER SYSTEMS LTD.
SYSTEMATIX CONSULTANTS INC.
TAYLOR AND PARTNERS
TEAM APPROACH LTD.
TELE-SPACE INFORMATION
THE TORONTO RESEARCH CENTRE
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
TYRIE AND ASSOCIATES
ULTRACOM CONSULTING SERVICES LTD.
UNIMARK ASSOCIATES
WOFAC MANAGEMENT CONSULTANTS
WOODS GORDON MANAGEMENT CONSULTANTS
THE WORD MOVERS INC.

X039 - Hospitality industry

V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
DMR AND ASSOCIATES
DATA METHODS ASSOCIATES LTD.
ALEX GALLEY & ASSOCIATES INC.
THE GENESYS GROUP
HST INFORMATION SYSTEMS LTD.
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
KALON & CO. INC.
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PINE TREE MICRO
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
RAYMOND, CHABOT, MARTIN, PARE & ASS.
T S I TRAINING SYSTEMS INTERNATIONAL
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
ZENON ENVIRONMENTAL INC.

X044 - Federal government

ASKEY SYSTEMS GROUP
ASSOCIATED ENGINEERING SERVICES LTD.
ASYNC CORPORATION
BIRCHWIND INFOSYSTEMS LTD.
BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANPOLAR CONSULTANTS LTD.
CAPITAL-WEST INVESTMENT CORPORATION
V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
THE COMPUTEROOM LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA KINETICS LTD.
R.W. EVANS RESEARCH LTD.
THE GENESYS GROUP
GROUP FIVE CONSULTING LTD.
H D C TELECOM INC.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
HONEYWELL LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
IMATA SYSTEMS CORP.
INFORMATICS EDUCATION LTD.
INNIS TECHNOLOGY INC.
INTERACTIVE CONSULTING GROUP INC.
K G CONSULTING LTD.
KALON & CO. INC.
KEYSOFT INTERNATIONAL LIMITED
LANSDOWNE CONSULTING GROUP
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
M I S CONSULTANTS
THE MICROELECTRONICS CENTRE
MINEC LTD.
MULTILEK INC.
NORCROSS CONSULTING LIMITED
NORPAK CORPORATION
NUMETRIX LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
QUASAR SYSTEMS LTD.
RELIANCE TECHNICAL RECRUITMENT LTD

X044 - Federal government con't

S & S SOFTWARE LTD.
SERDULA SYSTEMS LTD.
THE SMARTS
ST. CLAIR VIDEOTEX DESIGN INC.
SUNSHINE SOFTWARE
SYSDOC INTERNATIONAL INC.
SYSTEMHOUSE LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
TYRIE AND ASSOCIATES
VERICOM SYSTEMS LTD.
VICTOR (CANADA) LIMITED
YRM RECORDS MANAGER INC.
ZEMOS SYSTEMS LIMITED
ZENON ENVIRONMENTAL INC.

X045 - Statutes/regulations

BONAVENTURE SYSTEMS INC.
COMPUTER CRIME INVESTIGATIONS INC.
COMPUTER DISCOVERY
DMR AND ASSOCIATES
R.W. EVANS RESEARCH LTD.
H D C TELECOM INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYWELL LIMITED
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
TEAM APPROACH LTD.
TRIGON SYSTEMS GROUP INC.

X046 - Provincial and Local government

ASKEY SYSTEMS GROUP
BIRCHWIND INFOSYSTEMS LTD.
BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANPOLAR CONSULTANTS LTD.
CAPITAL-WEST INVESTMENT CORPORATION
V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CRAWFORD & GREEN INC.
CUSTOM MICRO SYSTEMS LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA KINETICS LTD.
FOUNDATION ELECTRONIC INSTRUMENTS
GRAYCARL CONSULTING LTD.
GROUP FIVE CONSULTING LTD.
H D C TELECOM INC.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
HONEYWELL LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
INFORMATICS EDUCATION LTD.
K G CONSULTING LTD.
KALON & CO. INC.
KEYSOFT INTERNATIONAL LIMITED
LINNELL & ASSOCIATES
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
M I S CONSULTANTS
THE MICROELECTRONICS CENTRE
MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
NORCROSS CONSULTING LIMITED
NUMETRIX LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PETRIE TELECOMMUNICATIONS LTD.
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
QUASAR SYSTEMS LTD.

X046 - Provincial and Local government con't

RAYMOND, CHABOT, MARTIN, PARE & ASS.
RELIANCE TECHNICAL RECRUITMENT LTD
S & S SOFTWARE LTD.
THE SMARTS
ST. CLAIR VIDEOTEX DESIGN INC.
P.M. SULCS & ASSOCIATES LTD.
SUNSHINE SOFTWARE
SYSDOC INTERNATIONAL INC.
SYSTEMHOUSE LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
TRIMAG CONSULTANTS LTD.
TYRIE AND ASSOCIATES
WYCOVE SYSTEMS LIMITED
YRM RECORDS MANAGER INC.
ZEMOS SYSTEMS LIMITED
ZENON ENVIRONMENTAL INC.

X047 - Health services

ACCURATE & AUTOMATIC SCALE COS. LTD.
ASKEY SYSTEMS GROUP
BLUEBANK ASSOCIATES
BONAVENTURE SYSTEMS INC.
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COMMUNICATIONS ANIMA Lte
DMR AND ASSOCIATES
ALEX GALLEY & ASSOCIATES INC.
B.J. GILES & ASSOCIATES LIMITED
LOGICAL DESIGN INC.
MARFLEET ASSOCIATES INC.
GORDON MOLNAR & ASSOCIATES LIMITED
MOMENTUM MANAGEMENT SYSTEM
 INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING
 (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PAPERFLOW SYSTEMS INC.
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
RAYMOND, CHABOT, MARTIN, PARE & ASS.
S & S SOFTWARE LTD.
SYDNEY DEVELOPMENT CORPORATION
SYSTEMHOUSE LTD.
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TRIGON SYSTEMS GROUP INC.
VERICOM SYSTEMS LTD.
W5 ASSOCIATES INC.
DALE WERSHLER & ASSOCIATES LTD.
ZENON ENVIRONMENTAL INC.

X050 - Diagnosis

BONAVENTURE SYSTEMS INC.
CHURCHILL LEPAGE AND COMPANY
DMR AND ASSOCIATES
ALEX GALLEY & ASSOCIATES INC.
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING
 (MICROTRAIN)
RAYMOND, CHABOT, MARTIN, PARE & ASS.
SUNSHINE SOFTWARE
SYDNEY DEVELOPMENT CORPORATION
VERICOM SYSTEMS LTD.
YORK CENTRAL HEALTH SYSTEMS INC.

X051 - Hospital/Institutional administration

BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND
 MANAGEMENT CONSULTING
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COMMUNICATIONS ANIMA Lte
COMPUTER CRIME INVESTIGATIONS INC.
DMR AND ASSOCIATES
R.W. EVANS RESEARCH CORP.
ALEX GALLEY & ASSOCIATES INC.
GROUP FIVE CONSULTING LTD.
HITEC INNOVATION AND TECHNOLOGY
 CONSULTANTS
HONEYWELL LIMITED
LOGICAL DESIGN INC.
NEXUS COMPUTER CONSULTANTS INC.
NUMETRIX LIMITED
O'CONNOR AND ASSOCIATES CONSULTING
 (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PAPERFLOW SYSTEMS INC.
PLUS1 EDP CONSULTANTS
PROCEDURES PLUS
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RHODNIUS INCORPORATED
S & S SOFTWARE LTD.
SUNSHINE SOFTWARE
SYDNEY DEVELOPMENT CORPORATION
SYSTEMHOUSE Ltd.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
W5 ASSOCIATES INC.
YRM RECORDS MANAGER INC.

X054 - Insurance

BLAINEY ASSOCIATES LTD.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CHURCHILL LEPAGE AND COMPANY
COMPUTER CRIME INVESTIGATIONS INC.
DMR AND ASSOCIATES
DATA KINETICS LTD.
DATAQUEST CORPORATION
DELTA-SIGMA SYSTEMS LTD.
HST INFORMATION SYSTEMS LTD.
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
INTERACTIVE CONSULTING GROUP INC.
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
MS MANAGEMENT AND SYSTEMS LTD.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
R.E. SCHIEDEL CONSULTING LTD.
SYDNEY DEVELOPMENT CORPORATION
SYSDOC INTERNATIONAL INC.
T S I TRAINING SYSTEMS INTERNATIONAL
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
YRM RECORDS MANAGER INC.

X064 - Research/statutes/regulations cases

ASKEY SYSTEMS GROUP
BONAVENTURE SYSTEMS INC.
COMMUNICATIONS ANIMA Lte
COMPUTER CRIME INVESTIGATIONS INC.
ALEX GALLEY & ASSOCIATES INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
INTERACTIVE CONSULTING GROUP INC.
MAINTNIX SERVICES
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PATERSON-PHIPPS INTERNATIONAL INC.
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
TOUCHE ROSS & PARTNERS

X066 - Word processing (legal)/ office automation

BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
COMPUTER CRIME INVESTIGATIONS INC.
DMR AND ASSOCIATES
DATA METHODS ASSOCIATES LTD.
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD
INTERACTIVE CONSULTING GROUP INC.
JEDRON SOFTWARE INC.
LOECUS CONSULTING GROUP INC.
MAINTNIX SERVICES
THE MICROELECTRONICS CENTRE
NBTEL DATA
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
S & S SOFTWARE LTD.
THE SMARTS
SYSTEMHOUSE Ltd.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
VERICOM SYSTEMS LTD.
YRM RECORDS MANAGER INC.
ZEMOS SYSTEMS LIMITED

X067 - Library systems

W.D. BUSH CONSULTING
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
COMPUTER CRIME INVESTIGATIONS INC.
CUSTOM MICRO SYSTEMS LTD.
DMR AND ASSOCIATES
DOGWOOD SOFTWARE INC.
H D C TELECOM INC.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
IMATA SYSTEMS CORP.
INFORMATICS EDUCATION LTD.
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
THE MICROELECTRONICS CENTRE
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RELIANCE TECHNICAL RECRUITMENT LTD.
S & S SOFTWARE LTD.
SYSDOC INTERNATIONAL INC.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.

X068 - Machine control

CANADA STAR CONSULTING
CHURCHILL LEPAGE AND COMPANY
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CYMBOL CYBERNETICS CORPORATION
DE KONING SOFTWARE ASSOCIATES INC.
DUNLOP RESEARCH CENTRE
R.W. EVANS RESEARCH CORP.
B.J. GILES & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
GRANT HALLMAN ASSOCIATES LTD.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
P.M. SULCS & ASSOCIATES LTD.
TOUCHE ROSS & PARTNERS
VERICOM SYSTEMS LTD.

X070- Economic Modelling and Analysis

ARTECH INTEGRATED ACCESSORIES LTD.
ASKEY SYSTEMS GROUP
COMPUFLOW
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CUSTOM MICRO SYSTEMS LTD.
D & S PETROLEUM CONSULTING GROUP
DATA LABS LIMITED
PEGGY DEAN & ASSOCIATES
DEMAND RESEARCH CONSULTANTS INC.
DPA CONSULTING
HARRY DULMAGE ASSOCIATES LTD.
DUN & BRADSTREET CANADA LIMITED
DUNLOP RESEARCH CENTRE
ECOTEC PETROLEUM SOFTWARE LTD.
EPW & ASSOCIATES
R.W. EVANS RESEARCH CORPORATION
F R I INFORMATION SERVICES
FIRMWARE INC.
GRADY ECONOMICS AND ASSOCIATES LTD.
R.G. GRAY & ASSOCIATES LIMITED
GROUP FIVE CONSULTING LTD.
H D C TELECOM INC.
H-F COMPUTING SERVICES INC.
HICKLING-JOHNSTON LTD.
HONEYTHUNDER LIMITED
HST INFORMATION SYSTEMS LTD.
HUMBER - MARSH ENTERPRISES LTD.
WILLIAM G. HUTCHISON & COMPANY LTD.
INDUSTRIAL LIFE TECHNICAL SERVICES
KEARNEY MANAGEMENT CONSULTANTS
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
MALZER AND ASSOCIATES LTD.
MANAGEMATICS LTD.
MANAGEMENT COUNSEL INTERNATIONAL
NEUCOM COMPUTER SYSTEMS INC.
NORCROSS CONSULTING LIMITED
NUMETRIX LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
POLARIS TECHNOLOGY CORPORATION
POLYCOM SYSTEMS LTD.
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PROFESSIONAL COMPUTER SYSTEMS LTD.
QUANTUM INFORMATION RESOURCES LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
ROBERTSON-NICKERSON LIMITED
S & S SOFTWARE LTD.
SHORE TILBE HENSCHEL IRWIN PETERS

X070- Economic Modelling and Analysis con't

JUDEE A. SIBBITT & ASSOC.
SYSTEMHOUSE Ltd.
TEAM APPROACH LTD.
TECHNO-ECONOMIC RESEARCH UNIT LTD.
TELE-SPACE INFORMATION
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TRIGON SYSTEMS GROUP INC.
ULTRACOM CONSULTING SERVICES LTD.
XIS4 CONSULTANTS
ZEMOS SYSTEMS LIMITED

X074 - Marketing/sales

BIRCHWIND INFORSYSTEMS LTD.
BONAVENTURE SYSTEMS INC.
C G I INC.
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CANADIAN MARKETING ASSOCIATES
CAPITAL-WEST INVESTMENT CORP.
CEM-TECH SOFTWARE INC.
CENTENNIAL COMPUTER SERVICES
CENTRALIZED INSURANCE MANAGEMENT
V.S. CHENG & ASSOCIATES
CHURCHILL LEPAGE AND COMPANY
COMPUCRAFT SYSTEMS LIMITED
COMPUTER APPLICATION TECHNIQUES LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA METHODS ASSOCIATES
DEMAND RESEARCH CONSULTANTS INC.
DUN & BRADSTREET CANADA LTD.
PRABIR DUTT & ASSOCIATES INC.
ECLECTECH SOFTWARE
R.W. EVANS RESEARCH CORP.
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
INTERACTIVE CONSULTING GROUP
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
MANTLE ASSOCIATES LTD.
MARFLEET ASSOCIATES LIMITED
MINITRONICS OF CANADA LTD.
MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL/
MOMENTUM SOFTWARE CORPORATION
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
PDI SYSTEMS INC.
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
QUADRUS ASSOCIATES
RAYMOND, CHABOT, MARTIN, PARE, & ASS.
ROBERTSON NICKERSON LTD.
THE SMARTS
ST. CLAIR VIDEOTEX DESIGN INC.
P.M. SULCS & ASSOCIATES LTD.

X074 - Marketing/sales con't

SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSDOC INTERNATIONAL INC.
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TYRIE AND ASSOCIATES
W5 ASSOCIATES INC.
ZEMOS SYSTEMS LIMITED

X076 - Medical insurance claims processing/physicians billing

BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN BUSINESS SOLUTIONS
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COHESIVE COMPUTER SYSTEMS LTD.
COMPUTER CRIMÉ INVESTIGATIONS INC.
DMR AND ASSOCIATES
R.W. EVANS RESEARCH CORP.
ALEX GALLEY & ASSOCIATES INC.
H-F COMPUTING SERVICES INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
NORPAK CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
SYSDOC INTERNATIONAL INC.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
W5 ASSOCIATES INC.

X080 - Natural resources - mining/wood/petroleum

WM. BAKER - TOURISM, PARKS AND RECREATION CONSULTANT
BLAINEY ASSOCIATES LTD.
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CHINOOK FUEL INNOVATIONS LTD.
CHURCHILL LEPAGE AND COMPANY
COMPUTER APPLICATION TECHNIQUES LTD.
DATA LABS LIMITED
DATA METHODS ASSOCIATES LTD.
DIDAK ENGINEERING LTD.
R.G. GRAY AND ASSOCIATES LTD.
GROUP FIVE CONSULTING LTD.
EDWARD B. HALE
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
INFOMART
INMARINT INTERNATIONAL MARKETING
ITRES RESEARCH LIMITED
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
MARLIN FIREARMS COMPANY
NOMIS COMPUTER SYSTEMS CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
ROBB OGILVIE ASSOCIATES
P D I SYSTEMS LTD.
POLICY RESEARCH GROUP INC.
PROCEDURES PLUS
QUASAR SYSTEMS LTD.
SYSDOC INTERNATIONAL INC.
TELE-SPACE INFORMATION
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
UNIMARK ASSOCIATES
J.R. WOLOFSKY SYSTEMS RESEARCH CO.
WOODS GORDON MANAGEMENT CONSULTANTS
YORK-SIMCOE COMPUTING SERVICES
ZENON ENVIRONMENTAL INC.

X081 - Newspaper industry/typesetting

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
COMMUNICATIONS ANIMA Lte
DMR AND ASSOCIATES
ALEX GALLEY & ASSOCIATES INC.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
INFODYNE CORPORATION
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
GORDON RIPLEY & COMPANY
SYSDOC INTERNATIONAL INC.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
YRM RECORDS MANAGER INC.

X085 - Payroll/personnel

BIRCHWIND INFOSYSTEMS LTD.
BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN MARKETING ASSOCIATES
CAPITAL-WEST INVESTMENT CORPORATION
CEM-TECH SOFTWARE INC.
CENTENNIAL COMPUTER SERVICES
CHURCHILL LEPAGE AND COMPANY
COLLINS & MOON LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA METHODS ASSOCIATES LTD.
DOGWOOD SOFTWARE INC.
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
HUGH E. HARDIE & ASSOCIATES INC.
HICKLING - JOHNSTON LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOWARD HONICKMAN AND ASSOCIATES LTD
IMATA SYSTEMS CORP.
INFORMART
INTERACTIVE CONSULTING GROUP INC.
KEYSOFT INTERNATIONAL LIMITED
LOECUS CONSULTING GROUP INC.
MALZER AND ASSOCIATES LTD.
MANAGEMATICS LTD.
MICRO MEGABYTE
MOMENTUM MANAGEMENT SYSTEM INTERNATIONAL INC./
MOMENTUM SOFTWARE CORPORATION
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PAPERFLOW SYSTEMS INC.
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PULSE MICROSYSTEMS LTD.
R P W SYSTEMS AND SERVICES Inc.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
S & S SOFTWARE LTD.
THE SMARTS
SYSDOC INTERNATIONAL INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.

X085 - Payroll/personnel con't

TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
TYRIE AND ASSOCIATES
W5 ASSOCIATES INC.
ZEMOS SYSTEMS LIMITED

X088 - Pharmacy

ACCURATE & AUTOMATIC SCALE COS. LTD.
BONAVENTURE SYSTEMS INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADA STAR CONSULTING
CANADIAN MARKETING ASSOCIATES
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COMPHARM DATA LIMITED
DMR AND ASSOCIATES
R.W. EVANS RESEARCH CORP.
HOWARD HONICKMAN AND ASSOCIATES LTD.
J L D COMPUTER SERVICES, INC.
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
SYDNEY DEVELOPMENT CORPORATION
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
W5 ASSOCIATES INC.
YORK CENTRAL HEALTH SYSTEMS INC.

X091 - Portfolio analysis/management/ estate planning

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COMPUTER CRIME INVESTIGATIONS INC.
DMR AND ASSOCIATES
DOGWOOD SOFTWARE INC.
R.W. EVANS RESEARCH CORP.
HONEYWELL LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
LOGICAL DESIGN INC.
M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PULSE MICROSYSTEMS LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
ROSEDALE COMPUTING SERVICES
THE SMARTS
SYSTEMHOUSE Ltd.
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
ZEMOS SYSTEMS LIMITED

X093 - Process control/instrumentation

W.D. BUSH CONSULTING
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADA STAR CONSULTING
CHURCHILL LEPAGE AND COMPANY
COMPUTER APPLICATION TECHNIQUES LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DE KONING SOFTWARE ASSOCIATES INC.
DUNLOP RESEARCH CENTRE
R.W. EVANS RESEARCH CORP.
B.J. GILES & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
GRANT HALLMAN ASSOCIATES LTD.
HITECH CANADA LIMITED
HONEYTHUNDER LIMITED
INNIS TECHNOLOGY INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
P.M. SULCS & ASSOCIATES LTD.
TOUCHE ROSS & PARTNERS

X094 - Production/inventory control

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CEM-TECH SOFTWARE INC.
CHURCHILL LEPAGE AND COMPANY
COMPUTER APPLICATIONS TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATEK INDUSTRIES LIMITED
DUNLOP RESEARCH CENTRE
R.W. EVANS RESEARCH CORP.
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
INNIS TECHNOLOGY INC.
J L D COMPUTER SERVICES, INC.
NBTEL DATA
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
PINE TREE MICRO
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
QUADRUS ASSOCIATES
QUASAR SYSTEMS LTD.
S & S SOFTWARE LTD.
TOUCHE ROSS & PARTNERS
TYRIE AND ASSOCIATES

X095 - Purchasing

BIRCHWIND INFOSYSTEMS LTD.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CAPITAL-WEST INVESTMENT CORPORATION
CEM-TECH SOFTWARE INC.
CENTENNIAL COMPUTER SERVICES
CHURCHILL LEPAGE AND COMPANY
COGESULT INC.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DATA METHODS ASSOCIATES LTD.
R.W. EVANS RESEARCH CORP.
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
HUGH E. HARDIE & ASSOCIATES INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOWARD HONICKMAN AND ASSOCIATES LTD.
INTERACTIVE CONSULTING GROUP INC.
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
MALZER AND ASSOCIATES LTD.
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
POLARIS TECHNOLOGY CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PULSE MICROSYSTEMS LTD.
QUADRUS ASSOCIATES
RICHARDSON PROFIT SYSTEMS CORPORATION
S & S SOFTWARE LTD.
THE SMARTS
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSDOC INTERNATIONAL INC.
TEAM APPROACH LTD.
TOUCHE ROSS & PARTNERS
TYRIE AND ASSOCIATES
YRM RECORDS MANAGER INC.
ZEMOS SYSTEMS LIMITED

X096 - Radio/TV broadcasting/ cable TV

BURROUGHS CANADA
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADIAN MARKETING ASSOCIATES
CAPITAL-WEST INVESTMENT CORPORATION
CHURCHILL LEPAGE AND COMPANY
COMMUNICATIONS ANIMA Lte
DMR AND ASSOCIATES
ALEX GALLEY & ASSOCIATES INC.
H D C TELECOM INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOLUS SYSTEMS SOLUTIONS INC.
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PETRIE TELECOMMUNICATIONS LTD.
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
QUASAR SYSTEMS LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
VERICOM SYSTEMS LTD.

X097 - Real estate

CAPITAL-WEST INVESTMENT CORPORATION
DMR AND ASSOCIATES
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
PLUS1 EDP CONSULTANTS
PROCEDURES PLUS
RAYMOND, CHABOT, MARTIN, PARE & ASS.
SYSTEMHOUSE Ltd.
TOUCHE ROSS & PARTNERS

X100 - Reservation systems/travel agencies

V.S. CHENG & ASSOCIATES INC.
COMPUTER CRIME INVESTIGATIONS INC.
DATA METHODS ASSOCIATES LTD.
THE GENESYS GROUP
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD.
INFORMATICS EDUCATION LTD.
INTERACTIVE CONSULTING GROUP INC.
LOGICAL DESIGN INC.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.

X102- Engineering/Scientific

ARTECH INTEGRATED ACCESSORIES LTD.
ASKEY SYSTEMS GROUP
CANADIAN ASTRONAUTICS LIMITED
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CAPP CONSULTANTS INC.
CHINOOK FUEL INNOVATIONS LTD.
COLLINS & MOON LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
COMPUTER CRIME INVESTIGATIONS INC.
COMPUTER DISCOVERY
CUSTOM MICRO SYSTEMS
DATA LOGIC CANADA
DATA-TEL SERVICES INC.
DATALINE INCORPORATED
DE KONING SOFTWARE ASSOCIATES INC.
DIDAK ENGINEERING LTD.
DROL SYSTEMS OF CANADA LTD.
HARRY DULMAGE ASSOCIATES LTD.
DUNLOP RESEARCH CENTRE
DYAD COMPUTER SYSTEMS LTD.
DYNAMIC DATA LTD.
ALEX GALLEY & ASSOCIATES INC.
PAUL GAZDA
GEN-TEC INC.
B.J. GILES & ASSOCIATES LIMITED
R.G. GRAY & ASSOCIATES LIMITED
GROUP FIVE CONSULTING LTD.
H D C TELECOM INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HITECH CANADA LIMITED
HONEYTHUNDER LIMITED
HUMBER - MARSH ENTERPRISES LTD.
WILLIAM G. HUTCHISON & COMPANY LTD.
INDUSTRIAL LIFE TECHNICAL SERVICES
INFORMATICS EDUCATION LTD.
INSTRUMAR LIMITED
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
G. W. LYNCH CONSULTANTS INC.
MANAGEMATICS LTD.
THE MICROELECTRONICS CENTRE
MOBIUS SOFTWARE (1981) LIMITED
CLAUS W.G. NABERT
NEUCOM COMPUTER SYSTEMS INC.
NOMIS COMPUTER SYSTEMS CORPORATION
NORCROSS CONSULTING LIMITED
NORTHERN DYNAMICS LTD.
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
POLYCOM SYSTEMS LTD.

X102- Engineering/Scientific con't

PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PROFESSIONAL COMPUTER SYSTEMS LTD.
QUANTUM INFORMATION RESOURCES LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RELIANCE TECHNICAL RECRUITMENT LTD.
ROSEDALE COMPUTING SERVICES
S & S SOFTWARE LTD.
S R P CONTROL SYSTEMS LTD.
SED SYSTEMS INC.
SHORE TILBE HENSCHEL IRWIN PETERS
JUDEE A. SIBBITT & ASSOC.
SYSDOC INTERNATIONAL INC.
SYSTEMHOUSE LTD.
TEAM APPROACH LTD.
TELE-SPACE INFORMATION
TELERIDE/SAGE
TETRAD COMPUTER APPLICATIONS LTD.
ULTRACOM CONSULTING SERVICES LTD.
VERICOM SYSTEMS LTD.
XIS4 CONSULTANTS
ZEMOS SYSTEMS LIMITED

X105 - Statistical/mathematical/ research/analysis

ASKEY SYSTEMS GROUP
BARAK COMPUTER SYSTEMS
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
COLLINS & MOON LTD.
COMPUTER APPLICATION TECHNIQUES LTD.
CRAWFORD & GREEN INC.
CUSTOM MICRO SYSTEMS LTD.
DE KONING SOFTWARE ASSOCIATES INC.
HARRY DULMAGE ASSOCIATES LTD.
DUNLOP RESEARCH CENTRE
DYNAKEY CORPORATION
R.W. EVANS RESEARCH CORP.
G.C. EYRE AND ASSOCIATES
F R I INFORMATION SERVICES
ALEX GALLEY & ASSOCIATES INC.
GROUP FIVE CONSULTING LTD.
HST INFORMATION SYSTEMS LTD.
GRANT HALLMAN ASSOCIATES LTD.
HONEYTHUNDER LIMITED
IMATA SYSTEMS CORP.
INNIS TECHNOLOGY INC.
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
MALZER AND ASSOCIATES LTD.
MANAGEMATICS LTD.
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OURSCAN GROUP INC.
PENTASOFT CORPORATION
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
S & S SOFTWARE LTD.
SYSTEMHOUSE Ltd.
TEAM APPROACH LTD.
TECHNO-ECONOMIC RESEARCH UNIT LTD.
TETRAD COMPUTER APPLICATIONS LTD.
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TRIGON SYSTEMS GROUP INC.
ZEMOS SYSTEMS LIMITED

X107- Data base,communications, networking, compilers, languages, operating systems, utilities, programming and system development aids

ADVANCED DATASYSTEMS LTD.
ALPHA GROUP
ARTHUR ANDERSON & CO., MANAGEMENT CONSULTANTS
ANSCO DATA SYSTEMS LIMITED
APPLIED COMPUTER TECHNOLOGY
ASYNC CORPORATION
AUTOMATION CENTRE OF OTTAWA LTD.
BARAK COMPUTER SYSTEMS INCORPORATED
BIRCHWIND INFOSYSTEMS LTD.
BONAVENTURE SYSTEMS INC.
THE BRAEGAN GROUP INC.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CALLICO SERVICES
CARYATID SOFTWARE
CEM-TECH SOFTWARE INC.
CENTENNIAL COMPUTER SERVICES
V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
COLLINS & MOON LTD.
COMMUNICATIONS ANIMA Lte
COMPUCRAFT SYSTEMS LIMITED
COMPUFLOW
COMPUGEN SYSTEMS INC.
COMPUTER CRIME INVESTIGATIONS INC.
COMPUTRONIC DATA SYSTEMS
CRAWFORD & GREEN INC.
CYMBOL CYBERNETICS CORPORATION
DATA LOGIC CANADA
DATAQUEST CORPORATION
DIALETIC COMPUTER SERVICES LTD.
DIAXIS COMPUTER GROUP LTD.
DIGITAL MANAGEMENT GROUP LTD.
DMR AND ASSOCIATES
DUCROS, MEILLEUR, ROY & ASSOCIATES
DUFFY AND BENTLEY CONSULTING GROUP
DUN & BRADSTREET CANADA LIMITED
DYNAMIC DATA LTD.
EPW & ASSOCIATES
R.W. EVANS RESEARCH CORPORATION
FIRMWARE INC.
FOUNDATION ELECTRONIC INSTRUMENTS
ALEX GALLEY & ASSOCIATES INC.
PAUL GAZDA
GOLDSTRAW & ASSOCIATES
GRAHAM AND WOLFE & ASSOCIATES
R.G. GRAY & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
G.J. GRIFFITH & ASSOCIATES
R.J. HANSEN ASSOCIATES LTD.

X107-Data base, communications, networking, compilers, languages, operating systems utilities, programming and system development aids con't

HUGH E. HARDIE & ASSOCIATES INC.
HEYDON CONSULTING ASSOCIATES INC.
HICKLING-JOHNSTON LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOWARD HONICKMAN AND ASSOCIATES LTD
HST INFORMATION SYSTEMS LTD.
HUMBER - MARSH ENTERPRISES LTD.
HUTCHINSON SMILEY LTD.
IMAGE BASE VIDEOTEX DESIGN INC.
IMATA SYSTEMS CORP.
INDUSTRIAL LIFE TECHNICAL SERVICES
INFORMATICS EDUCATION LTD.
INNIS TECHNOLOGY INC.
INTERACTIVE CONSULTING GROUP INC.
INTERNATIONAL SYSTEMS CONSULTANTS
J.R. JACOBS & ASSOCIATES LTD.
JEDRON SOFTWARE INC.
JOHNSON CONTROLS,SYSTEMS ENGINEERING AND CONTRUCTION DIVISION
K G CONSULTING LTD.
KALON & CO. INC.
LORNE KASTNER
KEARNEY MANAGEMENT CONSULTANTS
LANSDOWNE CONSULTING GROUP
LOECUS CONSULTING GROUP INC.
LOGICAL APPROACH LIMITED
LOGICAL DESIGN INC.
M & M CONSULTING
M.A. SYSTEMS (CANADA) LTD.
MAINTNIX SERVICES
K.O. MAIR ASSOCIATES LIMITED
MALZER AND ASSOCIATES LTD.
MANAGEMENT COUNSEL INTERNATIONAL INC.
MASTERCOM
MCL BUSINESS COMPUTERS
THE MICROELECTRONICS CENTRE
MINI-PERIPHERALS INC.
MLPI BUSINESS SYSTEMS INC.
MOBIUS SOFTWARE (1981) LIMITED
MONDECAN LIMITED
MS MANAGEMENT & SYSTEMS LTD.
MSH & ASSOCIATES
MSS/DP INC.
NEUCOM COMPUTER SYSTEMS INC.
NEW AGE SOFTWARE
NORCROSS CONSULTING LIMITED
NORPAK CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OCTANT COMPUTERS INC.

X107 - Data base, communications, networking, compliers, languages, operating systems, utilites, programming and system development aids con't

OMNIBUS CORPORATION
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PAPERFLOW SYSTEMS INC.
DAVID A. PATTERSON COMPUTER CONSULTING SERVICES
PENIK MANAGEMENT LIMITED
PENTASOFT CORPORATION
PINE TREE MICRO
PLUS1 EDP CONSULTANTS
POLYCOM SYSTEMS LTD.
DEAN PONCE & ASSOCIATES
PRICE WATERHOUSE ASSOCIATES
PROBE SOFTWARE SCIENCES LTD.
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PROFESSIONAL COMPUTER SYSTEMS LTD.
QUANTUM INFORMATION RESOURCES LTD.
R P W SYSTEMS AND SERVICES Inc.
ROSEDALE COMPUTING SERVICES
S & S SOFTWARE LTD.
SCA SYSTEMS LIMITED
IRENE SEREDY
I.P. SHARP ASSOCIATES LTD.
JUDEE A. SIBBITT & ASSOC.
SLOT MASON CONSULTANTS INC.
THE SMARTS
SONEX
ST. CLAIR VIDEOTEX DESIGN INC.
SYNCHRONIZED INFORMATION SYSTEMS INC.
SYSDOC INTERNATIONAL INC.
T.W.P. SYSTEMS LIMITED
TECHNETRONIC INC.
TELE-SPACE INFORMATION
TELERIDE/SAGE
TLB ASSOCIATES
TOUCHE ROSS & PARTNERS
TRILOGIC DATA SYSTEMS LIMITED
TWENTY-FIRST CENTURY MEDIA COMMUNICATIONS INC.
ULTRACOM CONSULTING SERVICES LTD.
JAMES WILLETT PARTNERS
WILSON'S WORD PROCESSING SERVICE
JOHN W. WLAIKO SYSTEMS
J. R. WOLOFSKY SYSTEMS RESEARCH CO.
WOODS GORDON MANAGEMENT CONSULTANTS
XIS4 CONSULTANTS

X111 - Textiles & clothing

ACCURATE & AUTOMATIC SCALE COS. LTD.
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
DMR AND ASSOCIATES
HST INFORMATION SYSTEMS LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
KEYSOFT INTERNATIONAL LIMITED
LOGICAL DESIGN INC.
NOMIS COMPUTER SYSTEMS CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
R P W SYSTEMS AND SERVICES Inc.
S R P CONTROL SYSTEMS LTD.
TOUCHE ROSS & PARTNERS

X113 - Traffic control

CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
H D C TELECOM INC.
HICKLING - JOHNSTON LTD.
HONEYTHUNDER LIMITED
LOGICAL DESIGN INC.
THE MICROELECTRONICS CENTRE
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
RELIANCE TECHNICAL RECRUITMENT LTD
TELERIDE/SAGE
VERICOM SYSTEMS LTD.

X117- Utilities, Transportation, Communications

ABZ CONSULTING SERVICES
ANTARES COMPUTER SERVICES INC.
ARTHUR ANDERSON & CO., MANAGEMENT CONSULTANTS
AUDOR COMMUNICATIONS INC.
BLAINEY ASSOCIATES LTD.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
CANADA STAR CONSULTING
CANADA SYSTEMS GROUP (ADVANCE & TECHNOLOGY SYSTEMS)
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
CANADIAN MARKETING ASSOCIATES
CANPOLAR CONSULTANTS LTD.
CHURCHILL LEPAGE AND COMPANY
COMMUNICATIONS ANIMA Lte
COMPUCRAFT SYSTEMS LIMITED
COMPUTER APPLICATION TECHNIQUES LTD.
CROSTHWAIT CONSULTING SERVICES
DATA KINETICS LTD.
DATA LOGIC CANADA
DATA METHODS ASSOCIATES LTD.
DE KONING SOFTWARE ASSOCIATES INC.
PEGGY DEAN & ASSOCIATES
DEMAND RESEARCH CONSULTANTS INC.
DMR AND ASSOCIATES
DSS DECISION SUPPORT SYSTEMS LTD.
DYAD COMPUTER SYSTEMS LTD.
ENVIRONICS RESEARCH GROUP LTD.
EPW & ASSOCIATES
FUTUREPLAN CONSULTING SERVICES
PAUL GAZDA
GOURLIE & ASSOCIATES
R.G. GRAY & ASSOCIATES LIMITED
GROUP FIVE CONSULTING LTD.
H D C TELECOM INC.
R.J. HANSEN ASSOCIATES LTD.
HICKLING-JOHNSTON LTD.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HONEYTHUNDER LIMITED
HOWARD HONICKMAN AND ASSOCIATES LTD
HST INFORMATION SYSTEMS LTD.
HUMBER - MARSH ENTERPRISES LTD.
WILLIAM G. HUTCHISON & COMPANY LTD.
K.B. JENSEN & ASSOCIATES INC.
KEARNEY MANAGEMENT CONSULTANTS
KEYSOFT INTERNATIONAL LIMITED
KINGSCROSS MANAGEMENT CONSULTANTS
LANSDOWNE CONSULTING GROUP
LAURENCE GORDON ASSOCIATES
THE LEVY-COUGHLIN PARTNERSHIP

X117- Utilities, Transportation, Communications con't

LOECUS CONSULTING GROUP INC.
LOGICAL APPROACH LIMITED
LOGICAL DESIGN INC.
PAUL LYONS & ASSOCIATES
MANAGEMENT COUNSEL INTERNATIONAL
MARLIN FIREARMS COMPANY
MCL BUSINESS COMPUTERS
THE MICROELECTRONICS CENTRE
MS MANAGEMENT & SYSTEMS LTD.
MSH & ASSOCIATES
MSS/DP INC.
CLAUS W.G. NABERT
NETWORK TECHNOLOGIES UNLIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
OMER ASSOCIATES
OMNIBUS CORPORATION
PLUS1 EDP CONSULTANTS
POLARIS TECHNOLOGY CORPORATION
POLICY RESEARCH GROUP (PRG) INC.
DEAN PONCE & ASSOCIATES
PRAXTEK SOFTWARE CORPORATION
PROBE SOFTWARE SCIENCES LTD.
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PROFESSIONAL COMPUTER SYSTEMS LTD.
QUANTUM INFORMATION RESOURCES LTD.
QUASAR SYSTEMS LTD.
RELIANCE TECHNICAL RECRUITMENT LTD
THE SMARTS
SYSDOC INTERNATIONAL INC.
SYSTECH COMPUTER SYSTEMS LTD.
TAYLOR PARTNERS
TELE-SPACE INFORMATION
THE TORONTO RESEARCH CENTRE
TOUCHE ROSS & PARTNERS
TRANS PACIFIC
TRIGON SYSTEMS GROUP INC.
TYRIE AND ASSOCIATES
ULTRACOM CONSULTING SERVICES LTD.
VERICOM SYSTEMS LTD.
WOFAC MANAGEMENT SYSTEMS LTD.
J. R. WOLOFSKY SYSTEMS RESEARCH CO.
WOODS GORDON MANAGEMENT CONSULTANTS
YORK-SIMCOE COMPUTING SERVICES
ZENON ENVIRONMENTAL INC.

X120 - Word processing/office automation

BIRCHWIND INFOSYSTEMS LTD.
C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
C S L COMPUTER SYSTEMS CONSULTANTS
CANADIAN MARKETING ASSOCIATES
CAPITAL-WEST INVESTMENT CORPORATION
CEM-TECH SOFTWARE INC.
V.S. CHENG & ASSOCIATES INC.
CHURCHILL LEPAGE AND COMPANY
COLLINS & MOON LTD.
COMPUCRAFT SYSTEMS LIMITED
COMPUTER CRIME INVESTIGATIONS INC.
CUSTOM MICRO SYSTEMS LTD.
CYMBOL CYBERNETICS CORPORATION
DMR AND ASSOCIATES
DSS DECISION SUPPORT SYSTEMS LTD.
DATA METHODS ASSOCIATES LTD.
DE KONING SOFTWARE ASSOCIATES INC.
DIGITAL MANAGEMENT GROUP LTD.
DOMICITY LTD.
DUFFY AND BENTLEY CONSULTING GROUP
ALEX GALLEY & ASSOCIATES INC.
B.J. GILES & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
H-F COMPUTING SERVICES INC.
HST INFORMATION SYSTEMS LTD.
HAMILTON SOFTWARE CONSULTANTS
HUGH E. HARDIE & ASSOCIATES INC.
HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
HOWARD HONICKMAN AND ASSOCIATES LTD
HUNTINGTON SERVICES
IMATA SYSTEMS CORP.
INFORMATICS EDUCATION LTD.
INTERACTIVE CONSULTING GROUP INC.
JEDRON SOFTWARE INC.
KALON & CO. INC.
KINGSCROSS MANAGEMENT CONSULTANTS
LOECUS CONSULTING GROUP INC.
LOGICAL DESIGN INC.
PAUL LYONS AND ASSOCIATES
M L P I BUSINESS SYSTEMS
MANAGEMATICS LTD.
MANTLE ASSOCIATES LIMITED
MARFLEET ASSOCIATES INC.
MASTERCOM
NBTEL DATA
CLAUS W.G. NABERT
NEW AGE WORD PROCESSING
NORCROSS CONSULTING LIMITED
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
KAY OCHILTRE

X120 - Word processing/office automation con't

ORGANIZATION METRICS
OURSCAN GROUP INC.
P D I SYSTEMS LTD.
PENTASOFT CORPORATION
POLARIS TECHNOLOGY CORPORATION
PRAXTEK SOFTWARE CORPORATION
PROCEDURES PLUS
PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
PRONET MICRO SYSTEMS INC.
PULSE MICROSYSTEMS LTD.
QUASAR SYSTEMS LTD.
R P W SYSTEMS AND SERVICES Inc.
RAYMOND, CHABOT, MARTIN, PARE & ASS.
RICHARDSON PROFIT SYSTEMS CORPORATION
ROBERTSON NICKERSON LIMITED
S & S SOFTWARE LTD.
SLOT MASON CONSULTANTS
THE SMARTS
SYSDOC INTERNATIONAL INC.
TEAM APPROACH LTD.
TORONTO WORD PROCESSING CENTER
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
2001 WORD PROCESSING SERVICES
VERICOM SYSTEMS LTD.
W5 ASSOCIATES INC.
THE WORD MOVERS INC.
YRM RECORDS MANAGER INC.

X132- Management Sciences

ABT ASSOCIATES OF CANADA
BEAK CONSULTANTS LTD.
BUSINESS RESEARCH CONSULTING
CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
DECISION DYNAMICS CORPORATION
DIAXIS COMPUTER GROUP LTD.
DOMICITY LTD.
HARRY DULMAGE ASSOCIATES LTD.
EPW & ASSOCIATES
EWT CANADIAN PRODUCTIVITY IMPROVEMENT CENTERS
R.W. EVANS RESEARCH CORPORATION
GKD FINANCIAL MANAGEMENT SERVICES LTD.
ALEX GALLEY & ASSOCIATES INC.
GOLDSTRAW & ASSOCIATES
GOURLIE & ASSOCIATES
R.G. GRAY & ASSOCIATES LIMITED
GRAYCARL CONSULTING LTD.
EDWARD B. HALE
INTERNATIONAL SYSTEMS CONSULTANTS
J.R. JACOBS & ASSOCIATES LTD.
LEMMEX & ASSOCIATES LTD.
THE LEVY-COUGHLIN PARTNERSHIP
MSH & ASSOCIATES
MARLIN FIREARMS COMPANY
NETWORK TECHNOLOGIES UNLIMITED
NORCROSS CONSULTING LIMITED
ORBITA CONSULTANTS LTD.
PERFORMAX TRAINING SYSTEMS
PRICE WATERHOUSE ASSOCIATES
QUANTUM INFORMATION RESOURCES LTD.
STEPHEN B. REGOCZEI
S & S SOFTWARE LTD.
SYNERGO INFORMATION SYSTEMS INC.
SYSDOC INTERNATIONAL INC.
T.W.P. SYSTEMS LIMITED
JAMES WILLETT PARTNERS
WOFAC MANAGEMENT SYSTEMS LTD.

Z001- CAI/CAL Industrial/Business Training

ANDREJICKA-ROCHON CORP.
ASKEY SYSTEMS GROUP
THE BRAEGAN GROUP INC.
BUSINESS DATA PROCESSING LIMITED
BUTLER & BELLE SYSTEMS CONSULTANTS LTD.
CANADA SYSTEMS GROUP LTD.
CANEADA ASSOCIATES LIMITED
COHESIVE COMPUTER SYSTEMS LTD.
COMSHARE LIMITED
DMR AND ASSOCIATES
R.W. EVANS RESEARCH CORPORATION
ALEX GALLEY & ASSOCIATES INC.
GRAYCARL CONSULTING LTD.
IMATA SYSTEMS CORP.
J.S.L. ASSOCIATES CONSULTING
JOMAR COMPUTER SYSTEMS
KEYSTONE EDUCATIONAL DESIGN
LEMMEX & ASSOCIATES LTD.
MICROELECTRONICS CENTRE
MINITRONICS OF CANADA LTD.
MLPI BUSINESS SYSTEMS INC.
NEW AGE WORD PROCESSING
NORPAK CORPORATION
O'CONNOR AND ASSOCIATES CONSULTING (MICROTRAIN)
PENIK MANAGEMENT LIMITED
PERFORMAX TRAINING SYSTEMS
PLM WORD PROCESSING SERVICES LIMITED
DEAN PONCE & ASSOCIATES
PRAXTEK SOFTWARE CORPORATION
PRONET MICRO SYSTEMS INC.
PULSE MICROSYSTEMS LTD.
SLOT MASON CONSULTANTS INC.
THE SMARTS
SYSDOC INTERNATIONAL INC.
SYSTEMHOUSE Ltd.
T.W.P. SYSTEMS LIMITED
TATHAM INC
TDC GRAPHICS
TOUCHE ROSS & PARTNERS
TRIGON SYSTEMS GROUP INC.
WILSON'S WORD PROCESSING SERVICE

ADDITIONAL "CLASSIFICATION CODES"

X028	DATA PROCESSING
X038	FINANCIAL SERVICES
X086	PERSONNEL/HUMAN RESOURCES
X106	SYSTEMS ANALYSIS
X130	MANAGEMENT CONSULTING - POLICY PLANNING
X131	MANAGEMENT CONSULTING - OPERATIONAL MANAGEMENT

X028 - Data Processing

RON BUSH
BUTLER & BELLE SYSTEMS CONSULTANTS LTD.
CANADA SYSTEMS GROUP LTD.
COMPUTER INFONET SERVICES LTD.
CORDEL CONSULTANTS LTD.
LORNE KASTNER
MULTITEK INC.
TEDAC COMPUTER INC.
TORDATA SERVICES LTD.
YORK-SIMCOE COMPUTING SERVICES

X038 - Financial Services

A-A-A-A MANAGEMENT SERVICES INC.
A.P.R. COMPUTER CONSULTANTS LTD.
ALBIAN COMPUTER SYSTEMS LTD.
E.A.C. AMY & SONS LTD.
BULMASH WEILER ROSEN, CA'S
THE CANADA CONSULTING GROUP
CURRIE COOPERS & LYBRAND LTD.G.C.
EYRE & ASSOCIATES

X086 - Personnel/Human Resources

ADMINISTRATION RESEARCH INC. CONSULTING
ALBIAN COMPUTER SYSTEMS LTD.
E.A.C. AMY & SONS LTD.
ANDREJICKA-ROCHON CORP.
ATKINSON, TREMBLAY & ASSOCIATES
BEECH SHEPELL & PARTNERS LTD.
BENYEI ASSOCIATES
BUREAU OF MANAGEMENT CONSULTING
CURRIE COOPERS & LYBRAND LTD.
ERNST & WHINNEY MANAGEMENT CONSULTANTS
G.C. EYRE & ASSOCIATES
HICKLING PARTNERS LTD.
KEARNEY MANAGEMENT CONSULTANTS
MIS CONSULTANTS
PETER MOON & ASSOCIATES
P.F. OLIPHANT & R.C. WHITE
C.P. SLEIGHT SOFTWARE CONSULTANTS INC.
JAMES WILLETT PARTNERS
WILSON'S WORD PROCESSING SERVICE
WOFAC MANAGEMENT SYSTEMS LTD.
WOODS GORDON MANAGEMENT CONSULTANTS

X106 - Systems Analysis

A-A-A-A MANAGEMENT SERVICES INC.
ABZ CONSULTING SERVICES
ACS ASSOCIATES CONSULTING SERVICES LTD.
APR COMPUTER CONSULTANTS LTD.
ABELIAN GROUP 1 INC.
ALBIAN COMPUTER SYSTEMS LTD.
ANDORRAN INFORMATION SYSTEMS LIMITED
ANSCO DATA SYSTMS LIMITED
APPLIED COMPUTER TECHNOLOGY
ARTECH INTEGRATED ACCESSORIES LTD.
ASCOT COMPUTING INC.
ATKINSON, TREMBLAY & ASSOCIATES
AUDIMUS LTD.
BAILEY
BASE LINE SOLUTIONS (ONTARIO) INC.
BEAK CONSULTANTS LTD.
THE BRAEGAN GROUP INC.
BRI-DUN CONSULTANTS INC.
BUREAU OF MANAGEMENT CONSULTING
RON BUSH
CANADA SYSTEMS GROUP LTD.
CANADIAN BUSINESS SYSTEMS
CATSA CONSULTING
CINCOM SYSTEMS OF CANADA LTD.
COMPUTER CONSULTANTS INTERNATIONAL
COMPUTRONIC DATA SYSTEMS
CONTINENTAL COMPUTER CONSULTANTS INC.
CORUM COMPUTER SYSTEM
COSMIC MANAGEMENT SYSTEMS LTD.
COSMOS SYSTEMS LTD.
CURRIE COOPERS & LYBRAND LTD.
JOHN DUHAN & ASSOCIATES
DYNAKEY CORPORATION
DYNAR CONSULTING INC.
ERNST & WHINNEY MANAGEMENT CONSULTANTS
HERNDIS MACRI CO.
HICKLING - PARTNERS LTD.
HUTCHINSON SMILEY LTD.
IAS COMPUTER CORPORATION LTD.
JTS COMPUTER SYSTEMS LTD.
LAMB, GUAY INC.
MULTIDATA SYSTEMS GROUP LTD.
CLAUS, W.G. NABERT
PRO-MATION SYSTEMS/DIV. OF HALWELL HOLDINGS LTD.
STEPHEN B. REGOCZEI
E.P. SLEIGHT SOFTWARE CONSULANTS INC.
TORDATA SERVICES LTD.
WOFAC MANAGEMENT SYSTEMS LTD.
THE WORD MOVERS
X1S4 CONSULTANTS
YORK-SIMCOE COMPUTING SERVICES

X130 - Management Consulting - Policy Planning

ABT ASSOCIATES OF CANADA
ACS ASSOCIATES CONSULTING SERVICES LTD.
ALBIAN COMPUTER SYSTEMS LTD.
ALPHA GROUP
E.A.C. AMY & SONS LTD.
ANDREJICKA - ROCHON CORP.
ATKINSON, TREMBLAY & ASSOCIATES
JOHN AYRISS & ASSOCIATES
BEAK CONSULTANTS LTD.
BEDARD, MCGILLIVRAY & ASSOCIATES LTD.
BRAINWARE INC.
MICHAEL BROWN
BUREAU OF MANAGEMENT CONSULTING
THE CANADA CONSULTING GROUP
CEGIR INC.
PETER CRICHTON AND ASSOCIATES
CURRIE COOPERS & LYBRAND LTD.
JOHN DUHAN & ASSOCIATES
ERNST & WHINNEY
G.C. EYRE & ASSOCIATES
FIDELIS SYSTEMS & PROGRAMMING
GKD FINANCIAL MANAGEMENT SERVICES LTD.
GRADY ECONOMICS & ASSOCIATES LTD.
HUTCHINSON SMILEY LTD.
LORNE KASTNER
LAMB, GUAY INC.
PETER MOON & ASSOCIATES
CLAUS W.G. NABERT
P.F. OLIPHANT & R.C. WHITE
OMNIBUS CORPORATION
TECHNO-ECONOMIC RESEARCH UNIT LTD.

X131 - Management Consulting - Operational Management

ACS ASSOCIATES CONSULTING SERVICES LTD.
ADMINISTRATION RESEARCH INC. CONSULTING
ALBIAN COMPUTER SYSTEMS LTD.
E.A.C. AMY & SONS LTD.
ANDREJICKA - ROCHON CORP.
ATKINSON, TREMBLAY & ASSOCIATES
BEAK CONSULTANTS LTD.
BRI-DUN CONSULTANTS INC.
BUREAU OF MANAGEMENT CONSULTING
COMPUTER CONSULTANTS INTERNATIONAL
COSMIC MANAGEMENT SYSTEMS LTD.
CURRIE COOPERS & LYBRAND LTD.
DUCROS, MEILLEUR, ROY & ASSOCIATES
JOHN DUHAN & ASSOCIATES
ERNST & WHINNEY
HICKLING-PARNTERS LTD.
P.F. OLIPHANT & R.C. WHITE
W.D. SPARLING
TORDATA SERVICES LTD.
WILSON'S WORD PROCESSING SERVICE

SECTION C

SUPPLIERS PROFILES

A.............C-2
B.............C-23
C.............C-37
D.............C-79
E.............C-106
F.............C-115
G.............C-122
H.............C-134
I.............C-147
J.............C-164
K.............C-167
L.............C-173
M.............C-182
N.............C-208
O.............C-219
P.............C-228
Q.............C-245
R.............C-247
S.............C-255
T.............C-280
U.............C-297
V.............C-299
W.............C-303
X.............C-309
Y.............C-311
Z.............C-313

- SUPPLIERS PROFILES SUPPLEMENT.........INSIDE BACK COVER

3M CANADA INC.
P.O. Box 5757
London, Ontario
N6A 4T1

Contact: Mr. J.R. Gloin, Manager, Public Affairs

Tel: (519) 451-2500
No. of employees: 2,400
Market Focus: N/A
Trade Names: "Scotch", "3M" Brand, etc.

Product Classifications (Cdn. Content %):
F004 (50%) G002 (33%) H001 (54%)
H003 (54%) J002 (63%) K001 (21%)
K002 (27%) K003 (30%) O003 (49%)
O004 (63%)

Other Information:
Manufactures: COM equipment, magnetic tape drives/subsystems, terminals, teleprinters, facsimile equipment, magnetic media, and data communications equipment.

A-A-A-A MANAGEMENT SERVICES INC.
105 Libby Blvd.
P.O. Box 6641
Station A
Toronto, Ontario
M5W 1X4

Contact: Mr. W.G.F. Cornish,President

Tel: (416) 884-8324
No. of employees: 1
Market Focus: Management Consultant
Trade Names: PROMPT-ER

Consulting Classifications:
X038 X106

Other Information:
Areas of Specialization: E.D.P. feasibility studies and equipment selection. E.D.P. Audit. Project organization and control. Standards Development. Design and implementation of systems for marketing, financial, production, and inventory control functions. Management Information and Control Systems. Federal Anti-inflation Legislation. Submissions to various levels of Government on Economics and technical matters. Design, preparation, and presentation of courses and seminars. Management of organization and departments.

ABT ASSOCIATES OF CANADA
2300 Yonge Street
18th Floor
Toronto, Ontario
M4P 1G2

Contact: Mr. R. Robinson,President

Tel: (416) 483-2010
No. of employees: 12
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X130 X132

Other Information:
Specializes in: Program Evaluation, Impact of Technology, Social Trend Analysis, and Impacts of Job Counselling/Creation Projects.

Focus on social issues such as employment, transportation, criminal justice, housing, health, education and (social) welfare.

ABZ CONSULTING SERVICES
1 Canyon Avenue
Apartment 912
Downsview, Ontario
M3H 4X8

Contact: Mr. Brian Risman,President

Tel: (416) 633-2502
No. of employees: 1
Market Focus: Systems Analysis and Design
Trade Names:

Consulting Classifications:
X106 X117

Other Information:
Development services include the programming, documentation, and testing of system components.

ACS ASSOCIATES CONSULTING SERVICES LTD.
60 Queen St., Suite 300
Ottawa, Ontario
K1P 5Y7

Contact: Mr. C. Tyson

Tel: (613) 236-6608
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X035 X106 X130 X131

Other Information:
Specializes in: Energy Management, Systems Analysis, Policy Planning and Operational Management.

AEL MICROTEL LIMITED
100 Strowger Boulevard
Brockville, Ontario
K6V 5W8

Contact: Mr. G.A. Franklin, V.P. & G.M. - Switching Division

Tel: (613) 342-6621
No. of employees: 2750 (all locations)
Market Focus: Telecommunications Equipment
Trade Names: Microtel, Manutronics

Product Classifications (Cdn. Content %):
0003 (20%)

Other Information:
Designs and manufactures telecommunications equipment for telephone companies, power utilities, railways and the telephone interconnect market. Products include: digital telephone switching machines (including software), PABX's, telephone sets, analog and digital multiplex, analog microwave radio systems, computerized supervisory and control systems, satellite earth station systems, Telidon videotex terminals, enterphone door entry and alarm system, energy management and control systems, and custom manufacturing.

Exports to 50 countries, and is the distributor for 80 other Canadian and U.S. manufacturers across Canada.

AES DATA LIMITED
570 McCaffrey Street
Montreal, Quebec
H4T 1N1

Contact:

Tel: (514) 341-5430
No. of employees: 2000
Market Focus:
Trade Names:

Product Classification (Cdn. Content %):
J001 (N/P) J002 (N/P)

A G W DATA SERVICES
14505 Yellowhead Trail
Edmonton, Alberta
T5L 3C4

Contact: Mr. Mark McConnell, Mktg. Manager

Tel: (403) 454-0321
No. of employees: N/A
Market Focus: users of NCR computers using VRX operating systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
0002 (100%)

Software Classifications:
T004 T023 T037 T059 T074 T095

Other Information:
Specialize in general financial accounting system with powerful report writer, integrated accounts payable/receivable; wholesale order/billing distribution system.

A.P.R. COMPUTER CONSULTANTS LTD.
80 S. Forster Park Drive
#11
Oakville, Ontario
L6K 1Y9

Contact: Mr. Andrew Piche

Tel: (416) 884-8324
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X038 X106

Other Information:
Specialize in: Finanical Services and Systems Analysis.

ABELIAN GROUP 1 INC.
730A, 17 Front Street West
Toronto, Ontario
M5W 1G2

Contact: Mr. Gerry Lowry, President

Tel: (416) 766-7404
No. of employees: 2
Market Focus: Management Consultants and Systems Developements
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X106 X004

Other Information:
Areas of Specalization: Project Management and Leadership. Systems Analysis (Design, Development, Specification, Implementation). Structured Programming (all major languages). Hardware/Software Evaluation. Education and Training of Management, Technical and User Staff. Technical Interviews. Software/Data Conversion. Systems Testing, Structured Walkthroughs. Systems Maintenance and Enhancement. Documentation Services.

ACCUGRAPH CORP.
112 Merton St.Courtyard
Toronto, Ontario
M4S 2Z8

Contact: Mr. Craig Curran

Tel: (416)482-7008
No. of employees: 15
Market Focus: Graphic Applications software and Turnkey Systems
Trade Names: ACCUGRAPH, ACCUCAD, DADSYS

Retail Product Classifications (Cdn. Content %):
W002 (40%) W004 (40%) W010 (40%)
W011 (40%) W012 (99%) W013 (40%)

Software Classifications:
S010 T019 T020 T032 T070 T091
T102 T105 T132

Other Information:
Manufactures proprietary graphics software.
Products include: PROFLO-computer aided desing packages for process flow control and schematics, and computer aided drafting products for stand alone (DADSYS) and main frames (ACCU/CAD).
Provides a complete computer solution including CPU, graphic workstations, plotters, digitizers, etc.

ACCURATE & AUTOMATIC SCALE COS. LTD.
Unit #15 - 2040 Ellesmere Road
Scarborough, Ontario
M1H 3A8

Contact: Mr. Frank Parkinson, President

Tel: (416) 438-4722
No. of employees: 11
Market Focus: Production, inventory & quality control systems by weight
Trade Names: Accurate Scales

Product Classifications (Cdn. Content %):
B008 (80%) C002 (30%) F002 (75%)
H001 (80%) I000 (70%) O002 (100%)
W002 (20%) W011 (75%) W012 (100%)
W016 (50%)

Software Classifications:
R004 S007 T016 T051 T093 T094

Consulting Classifications:
X051 X016 X093 X094 X107

Other Information:
1) Design total turnkey systems which provide combinations of hardware.
2) Manufacture intelligent weight indicators, dot matrix printers and weigh platforms. Support hardware (eg. computers and peripherals) purchased outside.
3) Write custom software programs to interface to all hardware, and to provide production records automatically for production inventory and quality control weight bases.

ADAPTIVE MICROELECTRONICS LTD.
Unit 2, 33 Glencameron Road
Thornhill, Ontario
L3T 1N9

Contact: Dr. C. Rhodes, President

Tel: (416) 881-4112
No. of employees: 15
Market Focus: Energy management and security systems for buildings
Trade Names: ADMIC Controls

Product Classifications (Cdn. Content %):
B005 (90%) B008 (100%) C005 (100%)
M002 (90%)

Software Classifications (Produced, embedded):
R001 R004 S007 T068 T093 T102
T117 T132

Consulting Classifications:
X117

Other Information:
Specialize in software packages for analysis of electricity, gas and oil bills; energy management, access control, alarm monitoring, data acquisition, meter reading, and billing apportionment.

ADEUM ELECTRONICS
4 - 880 Lady Ellen Place
Ottawa, Ontario
K1Z 5L9

Contact: Mr. D.C. Sabourin, V.P. Marketing

Tel: (613) 729-8880
No. of employees: 3
Market Focus: Telidon
Trade Names: Adeum Ruggedized Keyboards, Infohut

Product Classifications (Cdn. Content %):
B000 (N/P) H001 (80%) M001 (100%)
M002 (80%) W005 (75%) W007 (100%)
W013 (75%)

Other Information:
Specialize in touch sensitive keyboards for Telidon and other computer equipment, as well as large screen terminal integration.

Design and manufacture communications consoles.

ADVANCED BUSINESS COMPUTERS SYSTEMS
INTERNATIONAL INC.
4088 Sandwich Street
Windsor, Ontario
N9C 1C4

Contact: Mr. Philip Rodd

Tel: (519) 255-9199
No. of employees:
Market Focus: The manufacture and distribution of computer systems, and design of business applications software
Trade Names: ABC Systems

Manufactured Product Classifications (Cdn. Content):
B005 (N/P)

Software Classifications:
V032

Other Information:
Areas of Specialization:
- Manufacture Blackhawk Computer Systems, with an S100 BUS for greater system flexibility, based on the Z 80 A microprocessor chip running at four Megahertz.
- Marketing a modular microcomputer-based cash management system to serve small businesses as a cash register, inventory control and accounting system.
- Design business applications software for microcomputer use (CP/M and MP/M Operating Systems). Packages include word processing, a data base management system, financial applications, medical/dental management, government/educational, material requirement planning and an interactive Canadian Income Tax Program (ABCTAX).
- Net work systems - up to 16 remote intelligent terminals connected to a hard-drive master unit. Can connect to up to 2 printers.

ADVANCED DATASYSTEMS LTD
3-3012 Louise Street
Saskatoon, Saskatchewan
S7J 3L8

Contact: Mr. Paul Riome

Tel: (306) 373-8063
No. of employees: 20
Market Focus:
Trade Names:

Software Classifications:
T004 T042

Consulting Classifications:
X107

Other Information:

ADVANCED ELECTRONIC SYSTEMS LTD.
6 Chelsea Lane
Bramalea, Ontario
L6T 3Y4

Contact: Mr. Allan Bowman, President

Tel: (416) 791-2878
No. of employees: 12
Market Focus: Custom Computer Hardware & Software for Telecommunication, Process Control, Data Acquisition & Energy Management
Trade Names: EM8600, EM86

Product Classifications (Cdn. Content %):
B005 (91%) B008 (91%) C002 (60%)
F004 (91%) M001 (100%) M002 (100%)
O003 (91%) O004 (91%) W002 (91%)

Software Classifications (Produced, embedded):
R001 R004 S001 S007 S010 T068
T093 T094 T102 T117

Consulting Classifications:
X068 X093 X094 X102 X107 X117

Other Information:
Specialize in manufacturing computer hardware and software for Telecommunications, Process Control, Data Acquisition and Energy Management Systems. Capabilities in areas of: 1) Custom Electronic Design of Digital and Analog circuits and systems. 2) Computer Systems based on Intel 8086, 16 bit processors. 3) Software Engineering with stress on understandability, quality and reliability. 4)Electronic Manufacturing utilizing semi-automatic equipment such as wave-soldering, cut, form bend machines.

Products: Multibus Compatible Analog & Digital I/O Boards; Micro-processor Based Test Sets; Data Acquisition and Control Systems; Energy Management Systems; Process Control Computer Systems; Intelligent Remote I/O (Analog & Digital).

AHEARN & SOPER INC.
100 Woodbine Downs Boulevard
Rexdale, Ontario
M9W 5S6

Contact: Mr. P. Fedak, Vice-President, Marketing

Tel: (416) 675-3999
No. of employees: 120
Market Focus: Mini & Micro Computer Users
Trade Names: "Multiwriter"

Product Classifications (Cdn. Content %):
W002 (31%) W004 (40%) W006 (30%)
W008 (44%) W010 (31%) W011 (45%)
W013 (30%) W014 (41%)

Other Information:
Specialize in bar code scanners and readers, printers and plotters. Applications include reading season pass codes, reading/scanning product identification codes, taking production counts and monitoring plant production, sortation of goods, production of hard copy drawings of printed circuit board designs, invoicing and picking of documents, and general accounting.

PAUL AHRENS AND ASSOCIATES LIMITED
92 Rolling Meadows Drive
Kitchener, Ontario
N2N 1T6

Contact: Mr. Paul Ahrens, President

Tel: (519) 742-4540
No. of employees: 2
Market Focus: Computer System Consulting
Trade Names:

Software Classifications (Produced/Endproduct):
T004 T019 T074 T085 T094 T095
T102 T111

Consulting Classifications:
X004 X019 X074 X085 X094 X095
X102 X111

Other Information:
Consulting, Software Production and Software Support in Manufacturing and Distribution. Specializing in: Hardware & Software Design; Programming; Software System Enhancements; and Accounting & Manufacturing System Design.

AIKINS BENTLEY & ASSOCIATES
P.O. Box 457
Weston, Ontario
M9P 2M4

Contact: Mr. Rick Aikins

Tel: (416) 247-8341
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X032 X037 X107

Other Information:
Provides programming in BASIC and offers a course at Humber College.

LOUIS ALBERT ASSOCIATES INC.
2264 Stevenage Drive
Ottawa, Ontario
K1G 3H9

Contact: Mr. Michel Sabourin, Vice-President

Tel: (613) 737-5941
No. of employees: 32
Market Focus: Data communication equipment distributor
Trade Names: N/A

Product Classifications (Cdn. Content %):
G001 (N/P) G002 (N/P) G003 (N/P)
I000 (N/P) J002 (N/P) M001 (N/P)
M002 (N/P) O002 (N/P) O003 (N/P)
O004 (N/P) W004 (N/P) W005 (N/P)
W007 (N/P) W013 (N/P) W016 (N/P)
O002 (N/P)

Other Information:
Specialize in the distribution of data test and protocol equipment, switching systems and data communications systems for 16 companies exclusively in Canada. Also have an interface cable assembly line and a manufacturing facility of special custom made communication switches and EIA Test Sets. Also offer full equipment servicing and repair. Repair centre located in Ottawa. Mississauga branch office.

ALBIAN COMPUTER SYSTEMS LTD.
60 St. Clair Avenue E.
Suite 500
Toronto, Ontario
M4T 1N5

Contact: Mr. Ian Dainty, President

Tel: (416) 960-3343
No. of employees: 40
Market Focus:
Trade Names:

Consulting Classifications:
X038 X086 X106 X130 X131

Other Information:
Specialize in: Financial Services, Human Resources, System Analysis, Policy Planning and Operational Management.

ALL COMPUTERS INC.
501-110 Bloor Street West
Toronto, Ontario
M5S 2W7

Contact: Mr. Mers Kutt, President

Tel: (416) 960-0111
No. of employees: 8
Market Focus: Providing larger scale facilities on a personal computer. Prime market: large corporate accounts and computer stores.
Trade Names: ALL COMPUTERS, ALL CARD, ALL CHIP

Product Classifications (Cdn. Content %):
B005 (75%) G001 (40%) G003 (75%)
I000 (75%) J001 (75%) K001 (N/P)
K002 (N/P) W002 (75%) W006 (40%)
W012 (30%) W015 (30%)

Software Classifications (Produced, embedded):
R001 S001 S007 S010 T004 T037
T066 T120

Other Information:
Specialize in adapting popular operating systems to multi-task, multi-user environments using proprietary custom-developed chip. Specialized activity with IBM Personal Computer, incorporated chip into IBM printed circuit board (Trade name "All Card"). Has modified concurrent CP/M-86 to function more efficiently with protection.

ALLCOM DATA LIMITED
14 Bentley Avenue
Nepean, Ontario
K2E 6T8

Contact: Mr. Stephen Rosinski, National Accounts Manager/Mr. Ian D. Montgomery, Executive Vice President

Tel: (613) 226-2340
No. of employees: 35
Market Focus: Data PBX's, network processors, MUX's
Trade Names: M-1000 SERIES

Product Classifications (Cdn. Content %):
O003 (100%) O004 (100%) W004 (100%)
W016 (100%)

Other Information:
M-SERIES: - computer Data PBX's; packet switching exchanges; MINS (T PDADS/H PADS, statistical & switching multiplexors, protocol converters & terminal emulators); support Local Area Networks. Ottawa branch office.

ALPEN DEVELOPMENT LIMITED
#660, 808-4th Avenue, S.W.
Calgary, Alberta
T2P 3E8

Contact: Mr. Werner Kesel, President

Tel: (403) 263-0225
No. of employees:
Market Focus: Software Distribution/Development
Trade Names: N/A

Software Classifications (endproduct):
T020 T074 T096 T100

Other Information:
Proprietary Software Product - Character Generator for applications in: Education, Training, Sports; TV, Film Advertising; Exhibitions, Hotels, Factories; Retailing, Shopping Malls.

ALPHA GROUP
622 Tretheway Drive
Toronto, Ontario
M6M 4C3

Contact: Mr. Gerome Roberts

Tel: (416) 244-9987
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X107 X130

Other Information:
Specializes in: Systems Design and Policy Planning.

ALPHAFORM EXHIBITS & DESIGN INC.
76 Richmond Street East
Toronto, Ontario
M5C 1P1

Contact: Mr. Donald L. Brown, Account Executive

Tel: (416) 366-9403
No. of employees: 4
Market Focus: Exhibiting computer and related products
Trade Names: ALPHAFORM EXHIBITS & DESIGN INC.

Product Classifications (Cdn. Content %):
L000 (85%) M001 (85%)

Other Information:
Exhibit design and fabrication agency, specializing in production for clients in high technology industry. Produce modular systems for trade shows including computer workstations, which can be dismantled after use and transported economically.

Specialize also in graphic and photographic support, modular spaceframe ceiling systems, audio/visual presentation modules, exhibit consultation and design. Services include shipping and storage for shows, and international installation.

ALPHATEL SYSTEMS LTD.
#102, 11430-168 Street
Edmonton, Alberta
T5M 3T9

Contact: Mr. J. Murray Richmond, President

Tel: (403) 451-5761
No. of employees: 4
Market Focus: Education, Training
Trade Names: ALPHATEL

Product Classifications (Cdn. Content %):
L000 (100%)

Software Classifications (Produced, endproduct):
T020 T032

Consulting Classifications:
X032 Z001

Other Information:
Specializes in design of computer systems which integrate Telidon videotex (via software) into various operations. Through Telidon graphics are incorporated in displays, training, information or data system. Capabilities and experience include custom systems design, programming, videotex page design and preparation, and staff training for videotex applications.

Software Products: Alphatel Telidon Software, Alphatel Class Records, Young Drivers Instructional Program, Alphatel Videodisc Controller (B10P).

Also Alphatel Vinyl disc holders, and Disc Drive Head Cleaning Kit.

ALPHATEXT INC. (1981)
240 Catherine Street
Ottawa, Ontario
K2P 2G8

Contact: Mr. D.H. Joyce

Tel: (613) 238-5333
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X092 X110 X116

Other Information:
Specializing in: Publishing, Printing, Text Editing, and Typesetting.

ALTERNATIVE THREE SYSTEMS LTD.
202 Sheppard Avenue West
Willowdale, Ontario
M2N 1N1

Contact: Mr. D. Brown

Tel: (416) 222-4906
No. of employees: 4
Market Focus: Custom package programming to assist all levels of computer installations
Trade Names: Alternative 3 Systems Ltd.

Software Classifications (Produced, endproduct):
R001 R004 S001 S007 T004 T095
T094 T020 T009 T037 T091 T006
T081 T117

Other Information:
Specialize in accounting software - database applications level and stand-alone level

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ALTMAN & ASSOCIATES INC.
1262 Don Mills Rd. Suite 17
Don Mills, Ontario
M3B 2W7

Contact: Mr. John Kay, Systems Analyst/Programmer

Tel: (416) 441-6331
No. of employees: 4
Market Focus:
Financial/Communications/Scientific Software
Trade Names: Altman & Associates Inc.
Software Engineers

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S010 T004 T074
T085 T095 T120 T032 T020 T102
T070 T105 T132 T044 T046 T009
T037 T091 T039 T054 T067 T081
T100 T111 T117

Consulting Classifications:
X107 X004 X074 X095 X095 X120
X032 Z001 X102 X070 X105 X132
X044 X046 X009 X037 X091 X039
X054 X067 X081 X100 X111 X117

Other Information:
Group of computer consultants and software engineers. Interest and expertise lies in the area of Financial/Communications/Scientific custom programming and application packages design for microcomputers.

Proprietary Software Products: Portfolio Management, Mortgage Amortizor, The Communicator, PL/I Utilities Library, Scientific Graphic Data Analysis, Educational Calculus, Bond Yields, Login, Mailit, Filemover.

JAMES AMES COMPANY
R.R. 8 (Mono Mills)
Orangeville, Ontario
L9W 3T5

Contact: Mr. J.W.(Bill) Adams

Tel: (519) 941-2371
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X095

Other Information:
Specializes in: Purchasing.

E.A.C. AMY & SONS LTD.
150 Kent Street
Suite 512
Ottawa, Ontario
K1P 5P4

Contact: Mr. C.R. Patterson

Tel: (613) 234-7711
No. of employees: 6
Market Focus:
Trade Names:

Consulting Classifications:
X038 X086 X130 X131

Other Information:
Specializes in Management Support to the Public Sector. Have available a large inventory of retired military personnel and public servants. Also have personnel with private sector management experience.

ARTHUR ANDERSON & CO., MANAGEMENT CONSULTANTS
P.O. Box 29
TD Centre
Toronto, Ontario
M5K 1B9

Contact: Mr. Richard Babyak, Partner

Tel: (416) 863-1540
No. of employees: 32
Market Focus: Systems Development
Trade Names:

Software Classifications:
T004 T009 T080 T094 T102

Consulting Classifications:
X032 X037 X047 X107 X117

Other Information:
Specializing in: Development and implementation of customized systems using modular design, structured programming, and standard documentation. Evaluation of Software Packages. Perform Hardware evaluation, and Service Bureau vs. In-house evaluations. Assist in modifying or installing software packages. Determining specific computer and system requirements for one client. Microcomputers and their use. Information security and contingueny planning. Data Processing facilities management review. Systems development standards.

ANDORRAN INFORMATION SYSTEMS LIMITED
Box 391
Station "Z"
Toronto, Ontario
M5N 2Z5

Contact: Mr. E. Kammin,Senior Consultant

Tel: (416) 663-4518
No. of employees: 2
Market Focus: Systems Developement.
Trade Names:

Consulting Classifications:
X003 X106

Other Information:
Specializes in: Programming and System Analysis.

ANDREJICKA-ROCHON CORP.
555 Burnhamthorpe Rd.
PH "A"
Etobicoke, Ontario
M9C 2Y3

Contact: Mr. A.S. Andrejicka,President

Tel: (416) 622-8833
No. of employees: 8
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X086 X130 X131 Z001

Other Information:
Specializes in: Human Resources, Policy Planning and Operational Management.

ANDSOR CONSULTING INC.
2000 Islington Avenue, Suite 2312
Weston, Ontario
M9P 3S7

Contact: Mr. Andrei Sorin, President

Tel: (416) 245-8073
No. of employees:
Market Focus: Original Software Development
Trade Names: N/A

Software Classifications:
T004 T074 T081 T085 T094 T095
T111 T117

Consulting Classifications:
X004 X074 X081 X085 X094 X095
X111 X117

Other Information:
Specialize in software development and consulting for public utilities, manufacturers, publishers.

ANDYNE COMPUTING LIMITED
221 King Street East, P.O. Box 1496
Kingston, Ontario
K7L 5C7

Contact: Mr. David F. Athersych, President

Tel: (613) 548-4355
No. of employees: 11
Market Focus: Application of computer science and software engineering techniques to real-time distributed computer systems, using MASCOT (Modular Approach to Software Construction, Operation and Test).
Trade Names: N/A

Software Classifications (Distributed, endproduct):
R001 R004 S001 S007 S010 T004
T019 T020 T102

Consulting Classifications:
X004 X019 X102 X107 Z001

Other Information:
Specialization: - UNIX system consulting and development; MASCOT system consulting and development; customized computer hardware/software development; CAD tools for software development; customized data processing applications; general computer system consulting services.
Proprietary Software Products: - SCS (Subscription Control System) to handle all procedures required to support the circulation function of magazines; RTUNIX (Real Time UNIX) a series of modifications to the UNIX operating system to allow real time response for designated processes; MASCOT kernels (operating systems) available for PDP11, Intel 8086 and M68000 based systems; system utilities.

ANSCO DATA SYSTEMS LIMITED
717 Church Street
Toronto, Ontario
M4W 2M5

Contact: Mr. Bernard O'Brien, President

Tel: (416) 928-0865
No. of employees: 12
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X004 X027 X029 X099 X106 X107

Other Information:
Project management for systems development, systems analysis and design, programming, on-line systems, DEMS Systems - SYSTEM 2000 and IMS, and user training.

ANSWER SYSTEMATIK LTD.
M-3, Arnold Drive
Nepean, Ontario
K2H 6V6

Contact: Mr. Thomas Kemeny, President

Tel: (613) 828-0114
No. of employees: 1
Market Focus: Business Computer Systems
Trade Names: ANSWER

Other Information:
ANSWER is a software package for report writing, for people in business who need computer information but do not have/want computer skills. It asks non-technical questions on a terminal, with explanations for first-time users. From the responses, it writes a COBOL program, which produces the report. The responses can be saved for future use.

ANTARES COMPUTER SERVICES INC.
P.O. Box 272
Dorval, Quebec
H9R 4N9

Contact: Mr. Paul S. Russell, President

Tel: (514) 694-4430
No. of employees: 2
Market Focus: Software development for mini and micro-computers and consultancy. Some specialization in airline D.P. systems
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 S010 T004 T120

Consulting Classifications:
X107 X117

Other Information:
Systems development specialization - mini-computers, especially users of Prime systems - micro-computers, CP/M based, DBase II etc.

Products - for Prime systems
Antares information management system (AIMS)
incorporates - test processing, list management (Data-Base Facilities), Terminal control software (CRT interface & system development tool)

Consultancy, specialization in airline data processing & advising small business.

ANTI-GLARE MATERIAL CANADA INC.
760 Brant Street, Suite 414
Burlington, Ontario
L7R 4B8

Contact: Mr. Robert Pearce, President

Tel: (416) 639-1441
No. of employees: 6
Market Focus: Data processing, electronic industry
Trade Names: AGM

Product Classifications (Cdn. Content %):
L000 (75%) W008 (N/P)

Other Information:
Manufactures, distributes and retails an anti-reflective, anti-glare material in an aerosol spray form for visual display terminals, electronic testing equipment, aircraft, etc.

APPLIED COMPUTER TECHNOLOGY
45 Parkwood Drive
Cambridge, Ontario
N1S 3K9

Contact: Mr. J.C. Blasman

Tel: (519) 621-0342
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X106 X107

Other Information:
Specializes in: System Analysis and System Design.

ARMCO ELECTRONICS INC.
757A Ridgwood Avenue
Ottawa, Ontario
K1V 6M8

Contact: Mr. Armand Chalifoux, President, Sales Manager

Tel: (613) 737-0442
No. of employees: 3
Market Focus: Distributor sales
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P) L000 (60%) O004 (60%)

Other Information:
Distributor of electronic and electro-mechanical components and parts for: Litton (potentiometers, dials and trimmers), Sprague (capacitors), Burroughs (computer parts and boards).

ARTECH INTEGRATED ACCESSORIES LTD.
103 Fourth Ave.
Ottawa, Ontario
K1S 2L1

Contact: Mr. J. Barter, Secretary

Tel: (613) 232-7168
No. of employees: 9
Market Focus: CORVUS CONCEPT development and support
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X070 X102 X106

Other Information:
Distributes and offers complete development and software support for the CORVUS CONCEPT, computers for local area networking.

ASCOT COMPUTING INC.
17 Queen St. W. Ste. 628
Toronto, Ontario
M5C 1P9

Contact: Mr. Geoffrey Fridd, General Manager

Tel: (416) 365-1215
No. of employees: 4
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X004 X106

Other Information:
Specializes in data processing consulting and contract systems and programming. Applications for large IBM (or compatible) mainframe, primarily using on-line and data base techniques.

ASKEY SYSTEMS GROUP
3915 Selkirk Place
Mississauga, Ontario
L5L 3L5

Contact: Mr. Shamim Karmali, Executive consultant

Tel: (416) 820-0769
No. of employees: 3
Market Focus: Computer systems & consulting for small businesses
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications (Distributed, produced, endproduct):
R001 S001 S010 T004 T009 T037
T039 T066 T067 T074 T076 T085
T088 T091 T095 T097 T100 T117
T120

Consulting Classifications:
X004 X009 X032 X037 X039 X044
X046 X047 X064 X066 X067 X070
X074 X076 X085 X088 X091 X095
X097 X100 X102 X105 X107 X117
X120 Z001

Other Information:
Packages include: Income tax package, Florist package, Transport management package.

Specialization:
Small business consulting
Office automation
Personal computers
Word processing
Survey analysis
System evaluations.

ASSOCIATED ENGINEERING SERVICES LTD.
13140 St. Albert Trail
Edmonton, Alberta
T5L 4R8

Contact: Mr. Harry A. Jaako, Manager, Marketing & Sales, Computer Services Division

Tel: (403) 453-8111
No. of employees: 500
Market Focus: 1) Consulting Engineering (parent)
2) Land-Related Information Systems (subsidiary)
Trade Names: AESL - Associated Engineering Services Ltd.; AGS - Associates Geographic Systems Ltd.

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S010 T006 T019 T044
T045 T046 T080 T102 T113 T117

Consulting Classifications:
X006 X019 X044 X045 X046 X080
X102 X107 X113 X117

Other Information:
Expertise in - interfacing of computer graphics with photogrammetry and electronic field books; integration of computer graphics with engineering computer applications; record and drawing management systems; computer aided mapping; facilities management systems and geographic information systems.
Land-related information systems services - feasability studies; cost-benefit analysis; computer graphics system evaluations and recommendations; computer graphics system benchmarks; computer system acquisitions; implementation assistance; training; data base construction; graphic data conversion and digitization.

ASYNC CORPORATION
136 Simcoe Street
Toronto, Ontario
M5H 3G5

Contact: Mr. Michael Murnane, V.P. Systems

Tel: (416) 598-2207
No. of employees: 6
Market Focus: Computer Graphics/Videotex
Trade Names: AVS, EPM, PCS, COM

Product Classifications (Cdn. Content %):
C002 (70%)

Software Classifications (Distributed, embedded):
T020 T032 T039 T044 T046 T067
T081 T096 T117

Consulting Classifications:
X032 X039 X044 X046 X067 X081
X096 X107 X117

Other Information:
Specialize in complete Electronic Publishing Systems, including content creation and training for applications which require high quality colour images & text without the need to hook into a remote database.
Computer Graphics: Colour Graphics image creation software, integrated, friendly menu oriented database, and communications in a stand alone micro computer.
Products: Picture Creation System (PCS), Electronic Page Manager (EPM), Communications (COM).

ATKINSON, TREMBLAY & ASSOCIATES
55 University Ave.
Suite 600
Toronto, Ontario
M5J 2H7

Contact: Mr. Normand Trembley,President

Tel: (416) 365-0116
No. of employees: 20
Market Focus: Management Consultants and Systems Development
Trade Names:

Consulting Classifications:
X086 X106 X130 X131

Other Information:
Specializing in: Business Systems Analysis. Structured Analysis. Structured Design. Project Management. Methods and Procedures. Office Systems, and High Technology Policy and Strategic Planning.

AUDIMUS LTD.
65 Queen Street West
Suite 1501
Toronto, Ontario
M5H 2M5

Contact: Mr. Ralph Wilner,Senior Consultant

Tel: (416) 368-1138
No. of employees: 3
Market Focus: Systems Developement
Trade Names:

Consulting Classifications:
X106

Other Information:
Specializing in: Computer Auditing - Verify and evaluate systems and their controls for a) completeness of data processed b) accuracy of data processed c)adequacy of management or audit trails. Feasibility Studies. Systems Development Management.

AUDOR COMMUNICATIONS INC.
2700 Lancaster Road
Ottawa, Ontario
K1B 4T7

Contact: Mr. A.T. Bice, President

Tel: (613) 523-9933
No. of employees: 20
Market Focus: Communications
Trade Names: N/A

Consulting Classifications:
X117

Other Information:
Specialize in air traffic communications equipment.

AURORA SOFTWARE INC.,
778 Latchford Street, P.O. Box 1394
Haileybury, Ontario
P0J 1K0

Contact: Ms. Jennifer A. Godfrey, President

Tel: (705) 672-5517
No. of employees: 5
Market Focus: Distribution of educational software for microcomputers
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications (Distributed, produced, endproduct):
S010 T032

Other Information:
Manufacture, package and distribute educational software sets. Also duplicate high volume copies of promotional disks for computer manufacturers and publishers.

AUTOMATED LANGUAGE PROCESSING SYSTEMS CANADA LTD.
350 Sparks Street
Suite 200E
Ottawa, Ontario
K1R 7S8

Contact: Mr. Vaughn Taylor, President

Tel: (613) 234-8157
No. of employees:
Market Focus: Electronic communications system
Trade Names:

Software Classifications:
T120 W012

Other Information:
Specializes in software development and systems integration (software integrated with compatible hardware and interfaces resulting in electronic communications system with multilingual capabilities for production of writing, translation, editing, composition and typesetting of publications.

Services include - word processing, (also with on-demand dictionary look-up), automatic dictionary look-up, computer translation system and a communications package to interface with photocomposition equipment, word processors and other computers. Programs are designed to run on Data General computer hardware.

AUTOMATED MICRO SYSTEMS
130 Slater Street, Suite 210
Ottawa, Ontario
K1P 6E2

Contact: Mr. Karl Lemke, Manager

Tel: (613) 230-6020
No. of employees: 3
Market Focus: Micro Computer end users business
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W007 (N/P)
W008 (N/P) W010 (N/P) W011 (N/P)
W012 (N/P) W014 (N/P) W016 (N/P)

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T016 T023 T039 T044 T046
T054 T064 T066 T067 T074 T081
T085 T095 T096 T100 T111 T113
T117 T120

Consulting Classifications:
X004 X044 X046 X064 X066 X074
X085 X095 X107 X120

Other Information:
Serve companies which use microcomputer technology. Offer everything required to support a microcomputer work station, from software consultation to hardware, including supplies, furniture, printer ribbons, magnetic media and printers.

AUTOMATION CENTRE OF OTTAWA LTD.
1753 Bank St.
Ottawa, Ontario
K1V 7Z4

Contact: Mr. Gordon H. Rogers, President

Tel: (613)733-0003
No. of employees: 150
Market Focus: Data Processing Services
Trade Names:

Consulting Classifications:
X107

Other Information:
Data Entry Operations Management Information Systems (DEOMIS); direct mail and financial software and services plus word processing; system development consulting and programming services.

AVCOR (Division of Southam Communications)
512 King Street East., Suite 303
Toronto, Ontario
M5A 1M1

Contact: Mr. Zal Press, Vice-President
Computer Services

Tel: (416) 864-9240
No. of employees: 35
Market Focus: Various forms of communications
Trade Names: AID System

Product Classifications (Cdn. Content %):
O002 (N/P) W012 (N/P)

Software Classifications (Distributed, endproduct, embedded):
R001 R004

Consulting Classifications:
X107

Other Information:
1)Information Display Systems: Data base S/W packages designed to integrate videotex graphics in use with single or multi-user micro-based computer systems. Software tailored to fit user needs (ie. marketing, trade shows, electronic directories, training, etc.) 2) 35 m.m. High Resolution Computer Graphic Slide Service - accessible by telephone, Videotex pages can be sent to Avcor as input to create 4000 line resolution slides. Consulting and services for frame design and creation, image enhancement and transfer to video-tape also provided. 3) Teleconference Services: - range from routine exchange of visual information between branch and head offices, to international meetings, using multi-point video distributed by satellite. Avcor provides preparation of Videotex graphic creation for point to point video, hard copy, freeze frame/slow scan facilities and audio.

JOHN AYRISS & ASSOCIATES
1681 Bayview Ave.
Suite 101
Toronto, Ontario
M4G 3C1

Contact: Mr. Don Rodband

Tel: (416) 487-8838
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X022 X130

Other Information:
Specializes in: Computer Graphics and Policy Planning.

B & B COMPUTER APPLICATIONS LTD.
4 Deersaxon Road
Calgary, Alberta
T2J 6W1

Contact: Mr. Gary Biagioni, President

Tel: (403) 278-9505
No. of employees: 3
Market Focus: Provide consulting in real-time systems and hardware development
Trade Names: N/A

Software Classifications:
T051 T093

Consulting Classifications:
X093

Other Information:
Specialize in: real-time systems; data acquisition and control; electronic design and development; microcomputers.

Proprietary Software: Offline Cell Analysis System (Lab. Data Analysis); SLC II (Modicon Interface - Verbal Annunciator of Alarms); Patient Information System (Admission, Discharge and Transfer).

B D H COMPUTER SYSTEMS INC.
#16-670 Progress Ave.
Scarborough, Ontario
M1H 3A4

Contact: Mr. J.A. Boult, President

Tel: (416) 439-9915
No. of employees: 3
Market Focus: Systems consulting & integration
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W007 (100%) W011 (N/P)
W012 (50%) W014 (N/P)

Software Classifications:
R001 S001 S007 T004 T054 T066
T074 T085 T095 T100 T117 T120

Consulting Classifications:
X004 X054 X066 X074 X085 X095
X100 X107 X117 X120

Other Information:
Specialize in travel; insurance; marketing/distribution and wholesale systems consulting and sales.

BMB COMPUSCIENCE CANADA LTD.
500 Steeles Ave.
Milson, Ontario
L9T 3P7

Contact: Ms. Jill Johnson, Controller

Tel: (416) 876-4741
No. of employees: 70
Market Focus: Commercial & Educational applications
Trade Names: The Information Connection
Computer Awareness
The transactor

Product Classifications (Cdn. Content %):
W002 (50%) W004 (50%) W005 (60%)
W006 (50%) W007 (50%) W008 (50%)
W010 (50%) W011 (50%) W012 (50%)
W013 (50%) W014 (50%) W015 (50%)

Software Classifications:
R001 R004 S007 S010 T004 T006
T016 T020 T023 T032 T037 T039
T051 T054 T067 T074 T076 T081
T085 T088 T091 T094 T095 T096
T100 T111 T113 T117 T120

Other Information:
Distributes microcomputers and word processing equipment.

BAILEY & ROSE LTD. (Head Office)
560 Rochester St., 2nd Floor
Ottawa, Ontario
K1S 5K2

Contact: Ms. Lenore Edmond, Vice President

Tel: (613) 238-2992
No. of employees: 250
Market Focus: Information management consulting
Trade Names: N/A

Software Classifications (Produced):
R001 R004 S001 S007 S010 T004
T009 T014 T019 T020 T032 T037
T044 T046 T066 T067 T068 T070
T074 T076 T085 T095 T093 T094
T100 T102 T105 T113 T117 T120
T132

Consulting Classifications:
X004 X009 X019 X032 X037 X044
X046 X066 X067 X068 X070 X074
X076 X085 X093 X094 X095 X100
X102 X105 X107 X113 X117 X120
X132 Z001

Other Infomation:
Proprietary software products: ACT/1, 4th generation, production, prototyping package. Computer assisted learning: lesson ware, courseware, software systems and training/educational aids. Ottawa and Toronto branch offices.

BAILEY CONTROLS
860 Harrington Court
Burlington, Ontario
L7N 3N4

Contact: Mr. C.A. Morrice, Supervisor, Marketing Support Services

Tel: (416) 639-8840
No. of employees: 373
Market Focus: Instrumentation and control systems
Trade Names: Bailey Network 90, Bailey 855/15 Data Acquisition Systems, Bailey 861 Sequential Control Systems

Product Classifications (Cdn. Content %):
B008 (60%) W011 (5%) W002 (20%)

Software Classifications (Produced, embedded):
R004 T006 T080 T093 T117

Other Information:
Specialization - Application of control technology to various industrial segments, eg. energy management systems, process applications in pulp & paper industry; boiler controls for industrial power units; large Central Station applications in utility market.
Distributes minicomputers and printers.
Hamilton, Kanata, and Willowdale branch offices.

WM. BAKER - TOURIST, PARK AND RECREATION CONSULTANT
62 Sloley Road
Scarborough, Ontario
M1M 1C8

Contact: Mr. William Baker

Tel: (416) 261-6948
No. of employees: 1
Market Focus: Tourist, Park & Recreation Consultant
Trade Names:

Consulting Classification:
X080

Other Information:
Consultant Services: Advisory (policy formulation, organizational program planning), Evaluative (feasibility studies, program and project proposals, business viability analysis), Management (research and planning of schemes).
Contract Services: Policy formulation, Program and Project Planning, Supply and Demand Analysis and Synthesis, Physical, Economic and Social Impact Analyses, Business Viability/Profitabilty Analysis, and Cost/Benefit Analysis for Public Investment.

ROY BALL ASSOCIATES LTD.
1750 Courtwood Cres., Suite 300
Ottawa, Ontario
K2C 2B5

Contact: Mr. John Amyot, Director, Marketing

Tel: (613) 226-7890
No. of employees: 30
Market Focus: A systems development and integration company applying software and hardware design capabilities to find computer solutions in the radar, electronic warfare, security, remote sensing & communications fields.
Trade Names:

Product Classifications (Cdn. Content %):
B008 (90%) C005 (90%)

Software Classifications:
T044 T093 T102 T105

Consulting Classifications:
X044 X093 X102 X105

Other Information:
Specializes in:
1) Image processing software for remote sensing applications.
2) Signature analysis and signal processing for radar and electronic warfare.
3) Networking and packet switching for data communication application.

BARAK COMPUTER SYSTEMS INCORPORATED
1183 Finch Ave.W.
Suite 405
Downsview, Ontario
M3J 2G2

Contact: Mr. Moise

Tel: (416) 665-8456
No. of employees: 4
Market Focus: Hardware Retailer and Consultant
Trade Names:

Product Classifications (Cdn. Content %):
W002 W011 W013 W015

Software Classifications:
T004

Consulting Classifications:
X004 X085 X105 X107

Other Information:
Specializing in: Development of software such as: payroll; inventory control; sales order entry; invoicing; general ledger; accounts payable; accounts receivable.

BASE LINE SOLUTIONS (ONTARIO) INC.
Suite 808
69 Yonge Street
Toronto, Ontario
M5E 1K8

Contact: Mr. Sheldon Caplan,President

Tel: (416) 366-3687
No. of employees: 6
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X106

Other Information:
Specializing in: Municipal Taxation. Warehousing. Custom Brokers, and Freight Forwarding.

BASIC SOFTWARE GROUP INC.
205-1682 W., 7th Ave.
Vancouver, British Columbia
V6J 4S6

Contact: Mr. Norm Francis

Tel: (604) 733-2343
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
R001 T004 T120

Other Information:

BAUSCH & LOMB CANADA INC.
2930 Baseline Road
Nepean, Ontario
K2H 8T5

Contact: Mr. Bryce I. Hanna, Manager, Marketing/Advertising

Tel: (613) 820-9437
No. of employees: 65
Market Focus: Industry and research
Trade Names: Nanolab, Novascan

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Manufacture scanning electron microscope for industry & research.

BEAK CONSULTANTS LTD.
6870 Gorway Drive
Mississauga, Ontario
L4V 1P1

Contact: Mr. Bill Bell, Director,
Environmental Information Management

Tel: (416) 671-2600
No. of employees: 120
Market Focus: Development Consulting Services
Trade Names:

Consulting Classifications:
X003 X106 X130 X131 X132

Other Information:
Environmental, resource and urban development consulting services. Systems development services on operations research (computer modelling, simulation and mathematical programming), science and engineering, and statistical data analysis.

BEDARD, McGILLIVRAY & ASSOCIATES LTD.
2 Bloor Street East
Suite 2612
Toronto, Ontario
M4W 1A8

Contact: Mr. George B. Bedard,President

Tel: (416) 921-5433
No. of employees: 2
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X130

Other Information:
Specializing in: General Management. Marketing and Sales. Audits and Information Systems, and Personel and Organization.

BEECH SHEPELL & PARTNERS LTD.
80 Bloor Street West
Suite 1502
Toronto, Ontario
M5S 2V1

Contact: Mr. C.A. Beech,President

Tel: (416) 922-6336
No. of employees: 9
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X086

Other Information:
Specializing in: Executive Search and Management Recruitment. Relocation Assistance for terminated or redundant executives and senior managers. Psychological Services. Executive Compensation and Benefits Planning, and Project work related to Human Resource Development.

BELL-NORTHERN RESEARCH LTD.
P.O. Box 3511, Stn. 'C'
Ottawa, Ontario
K1Y 4H7

Contact: Mr. R.F. Fortune

Tel: (613) 596-2304
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
N000

Other Information:
Telecommunication Systems Research and Development

BENYEI ASSOCIATES
22 Shields Avenue
Toronto, Ontario
M5N 2K2

Contact: Ms. Judie Benyei,President

Tel: (416) 489-9991
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X086

Other Information:
Specializes in: Labour Relations for Supervisors. Performance Appraisal. Management and supervisory skill, and Affirmative Action.

BIRCHWIND INFOSYSTEMS LTD.
R.R. #4
Shelburne, Ontario
L0N 1S0

Contact: Mr. Keith Thompson, President

Tel: (416) 231-6177
No. of employees: 2 permanent contract employees as required
Market Focus: Computer-based Systems development and consulting
Trade Names: N/A

Consulting Classifications:
X004 X044 X046 X074 X085 X095
X107 X120

Other Information:Specialize in determining information needs of clients and recommending solutions incorporating software, hardware and office organization. Solutions include all office products and occasionally custom-built equipment, as well as computers. Company is a leader in implementing TOTAL storage and retrieval systems, including data and document storage.

BLAINEY ASSOCIATES LTD.
14 Nightingale Place
Scarborough, Ontario
M1G 2E8

Contact: Mr. E.R. Blainey

Tel: (416) 439-3517
No. of employees:
Market Focus:
Trade Names:

Other Information:
X037 X054 X080 X117 X132

Other Information:
Specializing in: Entreprenurial Skills, Corporate Acquisitions, High Level Negotiations, Financing and Insurance.

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c/o BLUEBANK ASSOCIATES (Reg'd)
82 Bedford Rd.(residence)
Toronto, Ontario
M5R 2K2

Contact: Miss Creswicke

Tel: (416) 961-0610
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X037 X047

Other Information:
Experience includes the working up of background information for reports, briefs and articles, as well as co-ordination of project team reporting, with planning for time, costs and small numbers of human resources, as manager and as administrator.

BONAVENTURE SYSTEMS INC.
730 Yonge Street, #206
Toronto, Ontario
M4Y 2B7

Contact: Mr. Philip Pryce-Jones, Marketing Support Manager

Tel: (416) 964-0617
No. of employees: 250
Market Focus: Consulting and software markets
Trade Names: N/A

Software Classifications:
T004 T006 T009 T016 T023 T037
T039 T054 T067 T081 T085 T091
T095 T096 T100 T111 T113 T117
T120

Consulting Classifications:
X004 X006 X009 X016 X023 X037
X039 X044 X045 X046 X047 X050
X051 X054 X064 X066 X067 X074
X076 X081 X085 X088 X091 X095
X096 X100 X107 X111 X113 X117
X120

Other Information:
Specialize in Banking stock transfer system, Funds transfer system, UNIX based application software (eg., A/R, A/P, etc.), Office automation system.

RICHARD J. BOTT
5 Rouge Street
Markham, Ontario
L3P 1K7

Contact: Mr. Richard J. Bott

Tel: (416) 294-2113
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Other Information:
Specializing in: Real Time Operating Systems, Process Control, Project Supervision, Inventory Control, File Management Systems and Inter-Processor Communication.

THE BRAEGAN GROUP INC.
Suite 409
130 Rosedale Valley Road
Toronto, Ontario
M4W 1P9

Contact: Mr. J. Morgan Smyth, President

Tel: (416) 922-5790
No. of employees: 1
Market Focus: Management Consulting in EDP areas
Trade Names:

Consulting Classifications:
X106 X107 Z001

Other Information:
Specializing in: Management consulting in the EDP area. 1) Feasiblity Studies (hardware acquistions and major system automation and/or upgrades). 2) Systems design and analysis. 3) Contract programming (APL and COBOL). 4) Training - DP Training (Systems Design, APL System Design and Programming), Personnel Services (Recruitment, Train management in required management skills and techiques).

BRAINWARE INC.
920-4 Denison Street
Markham, Ontario
L3R 3K5

Contact: Ms. Dawn MacNeal

Tel: (416) 474-1998
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X003 X130

Other Information:
Specializes in: Programming and Policy Planning.

BRI-DUN CONSULTANTS INC.
429 Mt. Pleasant Rd.
Toronto, Ontario
M4S 2L8

Contact: Mr. B.E. Dunk, President

Tel: (416) 487-9535
No. of employees: 2
Market Focus: Management Consultant
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X106 X131

Other Information:
Information systems and management consulting services in commercial systems, decision support systems, feasibility studies, hardware acquisition and project management.

MICHEAL BROWN
Rural Route 1
Balieboro, Ontario
K0L 1B0

Contact: Mr. Michael A. Brown, Consultant

Tel: (705) 939-6415
No. of employees: 1
Market Focus: Personal Privacy protection
Trade Names:

Consulting Classifications:
X130

Other Information:
Specializing in: 1)Policy research and analysis (problem definition, assessment of enviromental opportunities/constraints, development and evaluation of alternatives). 2)Planning systems (policy implmentation, assessment of resource requirements, organization, timing; determination of management information needs; definition of information reporting and control system parameters; program budgeting and performance measurement). 3) Teaching (courses in administrative policy, particularly stratigic planning, taught at Trent University.

BULLOCH SYSTEMS
125 King Street East
Toronto, Ontario
M5C 1G6

Contact: Mr. Mark E. Prior, Vice President

Tel: (416) 362-1157
No. of employees: 8
Market Focus: Micro & minicomputer software
Trade Names: Bulloch Systems

Product Classifications (Cdn. Content %):
W002 (70%) W012 (N/P)

Software Classifications (Distributed, produced, endproduct):
T004 T009 T037 T046 T054 T066
T070 T074 T085 T091 T111 T117
T120

Other Information:
Specializes in custom business application software for minis & micros. Distributors of minis & micros. Provide turnkey systems. Proprietary software includes accounting, word processing, and association management.

BULMASH WEILER ROSEN, C.A.'s
40 University Avenue
Suite 708
Toronto, Ontario
M5J 1T1

Contact: Mr. K.M. Rosen,Partner

Tel: (416) 364-0911
No. of employees: 3
Market Focus: Taxation: federal, provincial and foreign,
Research: Physical Science
Trade Names:

Consulting Classifications:
X038

Other Information:
Experience in: 1) Audit and accounting services, design of financial systems. 2) Financial planning, especially with respect to investment decisions. 3) Taxation consulting in areas of federal, provincial and foreign income, sales and estate taxation. 4) Scientific research, design, planning, execution and evaluation of research programs.

BUREAU OF MANAGEMENT CONSULTING
365 Laurier Ave. West
Suite 802
Ottawa, Ontario
K1A 0S5

Contact: Mr. J.T. Lowery

Tel: (613) 996-5300
No. of employees: 105
Market Focus:
Trade Names:

Consulting Classifications:
X086 X106 X130 X131

Other Information:
Specializing in: Human Resource planning and management in the Public sector (classification, staffing, manpower planning, executive and regular compensation).

BURROUGHS CANADA
801 York Mills Rd.
Don Mills, Ontario
M3B 1X8

Contact: Mr. John Holehouse, Manager, Public Relations & Advertising

Tel: (416) 445-4030
No. of employees: 1,160
Market Focus: Sales, service, support - electronic data processing/information systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
B001 (54%) B003 (54%) B005 (54%)
D006 (54%) D008 (54%) F002 (N/P)
G001 (54%) G002 (54%) H001 (54%)
H003 (54%) J001 (54%) K001 (95%)
K002 (45%) K003 (45%) M001 (45%)
M002 (54%) O004 (54%)

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 S010 T004
T009 T016 T023 T037 T039 T046
T047 T066 T074 T085 T088 T091
T094 T095 T117 T120

Other Information:
Specialize in:
1) Magnetic Media Products (cartridges, Mag Tape, PACKS, Flex Disk., Mag Tape Cleamers, Evaluators).

2) Ribbons

3) Ergonomic Products (Ergonomic furniture, chairs, sound enclosures, invironconers, screen filters).

4) Electrical interfacing equipment, access floor, air conditioners.

BURROUGHS CANADA
6711 Mississauga Road, Suite #404
Mississauga, Ontario
L5N 2W3

Contact: Mr. J.A. Murdoch, Branch Manager

Tel: (416) 821-3520
No. of employees: 1,200
Market Focus: Information Processing
Trade Names: N/A

Product Classifications (Cdn. Content %):
B001 (75%) B003 (75%) B005 (70%)
C002 (60%) C004 (60%) C005 (60%)
D006 (75%) D008 (75%) F002 (75%)
F004 (75%) G001 (100%) G002 (75%)
G003 (75%) H001 (75%) H003 (75%)
I000 (75%) J001 (75%) J002 (75%)
K001 (75%) K002 (75%) K003 (75%)
L000 (100%) M001 (80%) M002 (80%)
O003 (80%) O004 (80%) W007 (80%)
W008 (80%) W012 (75%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T009 T016 T023 T020 T032
T037 T039 T044 T045 T046 T047
T050 T051 T054 T064 T066 T067
T070 T074 T076 T081 T085 T088
T091 T095 T096 T100 T102 T105
T111 T113 T117 T120 T132

Consulting Classifications:
X004 X006 X009 X016 X023 X032
X037 X039 X045 X046 X047 X050
X051 X054 X064 X066 X067 X070
X074 X076 X081 X085 X088 X091
X095 X096 X100 X102 X105 X107
X111 X113 X117 X120 X132 Z001

Other Information:
Specialize in manufacturing, government, education, medical.

Complete suite of Application Software Packages Line - Application Generator.

Branches located in all major Ontario cities.

RON BUSH
1453 Shamrock Lane
Oakville, Ontario
L6L 1R1

Contact: Mr. Ron Bush, Consultant

Tel: (416) 827-8084
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X106

Other Information:
1) Business systems planning and design for on-line data base systems.

2) Development of 'logical' data base and business transaction definitions.

3) Project management and consulting on development and implementation of integrated information processing systems.

W.D. BUSH CONSULTING
1580 Sandhurst Circle, Suite 1107
Scarborough, Ontario
M1V 2L3

Contact: Mr. W.D. Bush, President

Tel: (416) 299-5998
No. of employees: 5
Market Focus: Consultation and Design Services relating to the electronic/instrumentation and microcomputer fields. Clients and users or manufacturers of microcomputing devices and controls
Trade Names: N/A

Software Classifications (Produced, endproduct):
T020 T023 T068 T093 T094 T102

Consulting Classifications:
X016 X023 X067 X093 X094 X102
Z001

Other Information:
Company provides Engineering Consulting Services on microcomputer based projects. Concentration includes process control systems design and evaluation of microcomputers systems on the market to suit the clients' needs. Consultation regarding marketing, production, product design, and business planning, is provided to high tech businesses. Experts in specialized fields are contacted when warranted by the project.

Consulting experience includes,
1) Design of marketing strategies for new high tech products including business plans.
2) Engineering design of electronic instrumentation for specific applications.
3) Design of tailored software packages to fit specific applications.

BUSINESS DATA PROCESSING LIMITED
1243 Islington Avenue
Suite 601
Toronto, Ontario
M8X 1Y9

Contact: Ms. June Greene, Vice-president

Tel: (416) 239-8405
No. of employees: 250
Market Focus:
Trade Names:

Consulting Classifications:
X028 Z001

Other Information:
1) Tape Cleaning and Restoration. 2) Personnel Placement - Data Entry. 3) Conversions.

BUSINESS RESEARCH CONSULTING
164 Queen Street
Kingston, Ontario
K7L 4W5

Contact: Mr. Gene Sienkiewicz, Associate Consultant

Tel: (613) 549-4699
No. of employees: N/P
Market Focus: Consulting
Trade Names:

Consulting Classifications:
X024 X132

Other Information:
Services: Business planning, management and analysis; Business appraisal and audit; Cost/Benefit systems; Franchise of Branch-out system design and development; Research of financing sources; Business investment analysis (short and long term); Financial presentations; Audio-visual programs; Contract negotiations; Manufacturing: 1) Operation forecasting. 2) Production development. 3)Productin scheduling. 4) Production reporting. 5) Inventory control. 6) Time studies; Marketing programs; Personal financial management; Personal investment research.

BUTLER & BELLE SYSTEMS CONSULTANTS LTD.
7 Hayden Street
Suite 207
Toronto, Ontario
M4Y 2P2

Contact: Mr. Philip Edwards, President

Tel: (416) 928-9089
No. of employees: 7
Market Focus: Banking, financial, general business, graphics and data base management
Trade Names:

Consulting Classifications:
X028 Z001

Other Information:
Specialize in:
- initial investigations and feasibility studies
- Definition of requirements and system logic using top-down design techniques (including IPO Charts and data dictionaries)
- physical program and job specifications to satisfy functional requirements and constraints of the operating environment
- development of documented administrative procedures and training programs for user and operations staff
- definition of testing and conversion procedures for systems acceptance
- design in the database software, online and distributed processing environments
- scientific/engineering problem solving
- computer graphics and audio visual presentations.

CCG, THE COMPUTER COMMUNICATIONS GROUP
OF BELL CANADA
160 Elgin Street
Ottawa, Ontario
K1G 3J4

Contact: Ms. Linda C. Gervais

Tel: (613) 567-3781

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
N000 (N/P)

Other Information:
Specialize in: Data Communications Equipment and Common Carriers.

C G I INC. INFORMATION SYSTEMS AND MANAGEMENT CONSULTING
222 Queen Street, Suite 301
Ottawa, Ontario
K1P 5V9

Contact: Mr. Robert Benoit, Director of Consulting Services

Tel:
No. of employees: 100
Market Focus: Government departments
Trade Names: CGI Inc. Information Systems and Management Consulting, CGI Conseillers engestion et informatique, CGI

Consulting Classifications:
X004 X006 X009 X016 X023 X037
X044 X046 X051 X054 X066 X067
X074 X076 X081 X085 X088 X091
X093 X094 X095 X096 X105 X107
X117 X120

Other Information:
Specializes in information systems and management consulting.

CNCP TELECOMMUNICATIONS
3300 Bloor Street West
Toronto, Ontario
M8X 2W9

Contact: Mr. John Gibson

Tel: (416) 232-6365

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
N000 (N/P)

Other Information:
Specialize in: Data Communication Equipment and Common Carriers.

CSL COMPUTER SYSTEMS CONSULTANTS
25 Fulerton Crescent
Markham, Ontario
L3R 3G4

Contact: Mr. Joseph Lai

Tel: (416) 475-5085
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X047 X120 X125

Other Information:

CABLESHARE INC.
20 Enterprise Dr.
London, Ontario
N6A 4L6

Contact: Mr. Craig Gauld, Director, Corporate Information

Tel: (519) 686-2900
No. of employees: 115
Market Focus: software systems
Trade Names: N/A

Product Classifications (Cd. Content %):
W002 (5%) W004 (20%) W005 (5%)
W006 (5%) W008 (5%) W010 (5%)
W011 (5%) W012 (100%) W013 (5%)
W014 (5%) W016 (5%) O002 (100%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S001 T004 T037 T074
T085 T094 T095 T120

Other Information:
Specialize in - accounting software for widely dispersed distribution companies,
- electronic marketing products using Telidon graphics, videodiscs and touch screens,
- communications hardware and software for X.25 protocol.
Provide O.E.M. sales of digital hardware and/or timesharing services.

CAD/CAM GRAPHICS SYSTEMS LIMITED
700 Industrial Avenue
Ottawa, Ontario
K1G 0Y9

Contact: Mr. Chris Coates

Tel: (613) 526-0620
No. of employees: 35
Market Focus: Computer Aided Graphics Design
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Specializes in computer aided graphics design for printed circuit boards, hybrid microcircuits and/or IC's.
Research, development and the practice of CAD/CAM technology to meet the growing needs of the electronics and microelectronics industries is constantly underway.
Design assistance and data input for customer IC chips is all available.
Products include: 1) Prototype service (single, double and multi-layer PCB's); 2) Design (PCB's and hybrids); 3) Digitizing (including IC masks); 4) Photoplotting; and 5) Complete drafting and documentation services.

CADA DATA SYSTEMS INC.
1331 Crestlawn Dr.
Mississauga, Ontario
L4W 2P9

Contact: Mr. Lloyd Davis, General Manager

Tel: (416) 624-0235
No. of employees: 10
Market Focus: minicomputer applications for inventory and financial packages
Trade Names: FICS (Form Inventory Control System); BICS (Audio visual booking/inventory control system)

Product Classifications (Cdn. Content %):
B000 (N/P) W002 (39%) W012 (100%)
O002 (100%)

Software Classifications (Produced, endproduct):
R001 R004 S001 S007 S010 T004
T020 T039 T054 T067 T070 T095
T100 T120 T132

Other Information:
FICS (Forms Inventory Control System) provides: accounting, management/operations information, item history of usage, summary, tax by province, exception information and random warehouse picking, subsystems for backorders, manifests, rating of shipments and general ledger chargeback information. BICS (Audio/Visual Booking/Inventory Control System) provides: automatic A/V booking and immediate confirmation; any inventory system allowing inventory rotation, and usage restrictions; usage and Ad Hoc reports, operations with picking and return lists.

THE CADDGRAPH COMPANY LTD.
220 Advance Blvd.
Brampton, Ontario
L6T 4J5

Contact: Mr. Chris Adams, V.P./Gen. Mgr.

Tel: (416) 453-1616
No. of employees: 8
Market Focus: printed circuit boards (PCBs)
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (30%) W010 (30%) W012 (30%)
W013 (30%) W014 (30%) O002 (90%)

Other Information:
Specializes in printed circuit artworks through use of computer-aided design and drafting systems. It has developed software for its systems only. Services all of North America from one production and sales facility.

CALLICO SERVICES
40 Gerrard Street East
Suite 1513
Toronto, Ontario
M2B 2E8

Contact: Mr. Dennis Rackham, Propieter

Tel: (416) 598-8085
No. of employees: 1
Market Focus: Management Consulting
Trade Names:

Consulting Classifications:
X107

Other Information:
Specialize in 1) Feasibility studies, 2) Project Management, 3) Forms analysis & design, 4) Management Consulting

CANADIAN CABINETS CO. LTD.
P.O. Box 11336
Station "H", 25 F Northside Rd.
Nepean, Ontario
K2H 7T8

Contact: Mr. Robert A. Elder

Tel: (613) 829-1433
No. of employees:
Market Focus: Enviromental Air Control Equipment, Semi Conductor Pharmaceutical Life Sciences
Trade Names: Hepaire Justaire

Product Classifications (Cdn. Content %):
M001 (N/P)

Other Information:
Manufactures a wide range of specialized enviromental air control equipment for use in many fields of science and technology.

THE CANADA CONSULTING GROUP
87 Front St. E.
Toronto, Ontario
M5E 1B8

Contact: Mr. Stuart Campbell, Partner

Tel: (416) 863-1924
No. of employees: 12
Market Focus: Analyzing management information needs
Trade Names:

Consulting Classifications:
X024 X038 X130

Other Information:
Specialize in assessing information needs of business and industry from general manager's perspective. Deal with all facets of strategic planning, including analysis of competition and environmental factors, organizational development, operations management, and analysis of program performance and operating effectiveness. Management concensus is reached, vendors are approached with detailed specifications of information needs, and Canada Consulting assists in final selection and implementation.

CANADA STAR CONSULTING
38 St. Georges Blvd.
Weston Ontario
M9R 1X2

Contact: Mr. Nazeer Bishay

Tel: (416) 244-3308
No. of employees: 1
Market Focus: Communication and Computer
Trade Names:

Product Classifications(Cdn. Content %):
D008 (100%) M002 (100%) O003 (100%)
O004 (100%)

Software Classifications:
T020 T032 T076 T088 T096 T102

Other Information:
Main Specializiation is in Fiber Optics with research concentrated on termination, enclosures for Fiber Optic cables and lasers.

CANADA SYSTEMS GROUP LTD.
2599 Speakman Drive
Mississauga, Ontario
L5K 1B1

Contact: Mr. Bruno Wanger, Senior Marketing Executive

Tel: (416) 822-5200
No. of employees: 1500
Market Focus: Data Processing and Systems Development Services
Trade Names:

Consulting Classifications:
Z001

Other Information:
Business Systems Division - Digital Equipment OEM and Turnkey supplier Business System.
Specializing in: Simplan - Financial Modelling Software; DML - Mini systems "turnkey: scientific applications; IBM 8100 Onsite for development and educational purposes; IBM mainframe systems programming/analysis; Batch and Online/Database expertise; MSA (Management Science of America) Program Products; Data Manager/Librarian etc.; Basic/APL/RDG II/Assembler.

CANADA SYSTEMS GROUP (ADVANCE & TECHNOLOGY SYSTEMS)
1736 Courtwood Crescent
Ottawa, Ontario
K2C 2B5

Contact: Mr. Ross Hicks

Tel: (613) 225-1171
No. of employees: 2100
Market Focus:
Trade Names:

Software Classifications:
T117

Consulting Classifications:
X117

Other Information:
Offers Consulting Services, Programming in Air Traffic Control and Telecommunications.

CANADIAN APPLIED TECHNOLOGY
16th Avenue, Buttonville Airport
Markham, Ontario
L3P 3J9

Contact: Ms. Julie A. Christian, Sales Co-Ordinator

Tel: (416) 477-6681
No. of employees: 20
Market Focus: Air quality monitoring, water resource management, industrial efficiency
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (100%) G001 (100%)

Other Information:
Design and manufacture data acquisition and telemetry systems for environmental, industrial and scientific applications. Have set up a)meteorological data collection network, b)network of monitoring stations for ground water level/quality, c)water level and precipitation monitoring systems.

CANADIAN ASTRONAUTICS LTD.
1024 Morrison Drive
Ottawa, Ontario
K2H 8K7

Contact: Mr. John Amyot

Tel: (613) 820-8280
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T005

Consulting Classifications:
X005 X102

Other Information:
Specialize in radar systems, satellite parts, electronic controls coupled with computing systems.

CANADIAN BUSINESS SOLUTIONS
11630 Kingsway Ave.
Edmonton, Alberta
T5G 0X5

Contact: Mr. J. David Armstrong, President

Tel: (403) 451-5272
No. of employees: 2
Market Focus: Packaged software, datapoint-compatible.
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W005 (N/P) W006 (N/P)
W011 (N/P) W012 (N/P) W013 (N/P)
W014 (N/P)

Software Classifications:
T004 T047 T051 T074 T076 T088
T095

Consulting Classifications:
X004 X047 X051 X074 X076 X088
X095

Other Information:
Specialize in Datapoint compatible software (legal, publishing, healthcare, general business & property management markets). Third Party representative.
Ontario branch office: Suite 900
2 Sheppard Ave. East
Willowdale, M2N 5Y7

CANADIAN BUSINESS SYSTEMS
Unit 27
2 Dailing Gate
Scarborough, Ontario
M1B 1Z8

Contact: Ms. C. Kleinholz, President

Tel: (416) 298-3582
No. of employees: 1
Market Focus: Records Management, Forms Analysis and Design, Word Processing Studies, and Computer Output Microfilm
Trade Names:

Consulting Classifications:
X106

Other Information:
Defines goals and objectives in systems development phase.
Conceptualizes and develops clerical paperwork flow and systems design techniques in the design and inplementation of the new systems.
Clerical methods study for defining processing problems.
Prepares reports for management documenting findings, alternative solutions and cost justification of system revisions.
Prepares and edits procedures and flowcharts.
Presents report overview to management.

CANADIAN DRAFTING SYSTEMS LTD.
6120 Second St.
S.E. Block A25
Calgary, Alberta
T2H 2L8

Contact: Mr. Paul Davis

Tel: (403) 259-8770

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content % :
C002 (N/P)

Software Classifications:
T021 T022

Other Information:

CANADIAN GENERAL ELECTRIC CO. LTD., DATA SYSTEMS
703 Evans Avenue, Suite 200
Etobicoke, Ontario
M9C 5E9

Contact: Mr. John Harvey, Sales Specialist

Tel: (416) 620-2166
No. of employees: 15,800
Market Focus: Providing solutions to clients needs by means of superior application knowledge, equipment, service and data system products.
Trade Names: TermiNet

Product Classifications (Cdn. Content %):
W004 (35%) W005 (40%) W011 950%)
W014 (40%)

Other Information:
Specializes in Data Systems - Video terminals, printers, communication equipment, modems, multiplexers. Diagnostic centre and service facility are available for on-site or shop maintenance of all equipment sold.

Ottawa branch office.

CANADIAN GENERAL ELECTRIC CO. LTD., INFORMATION SERVICES
703 Evans Avenue, Suite 200
Etobicoke, Ontario
M9C 5E9

Contact: Mr. Al Hassabo, Branch Manager

Tel: (416) 620-2140
No. of employees: 15,800
Market Focus:
Trade Names: Mark III, Marklink

Software Classifications (Distributed, produced, endproduct):
T009 T016 T023 T037 T080 T091
T093 T094 T117

Consulting Classifications:
X009 X037 X091 X093 X094

Other Information:
Proprietary Software Products:
MIMS - fourth generation MRP and relational data base manager supplied with professional consultation;
DSS - decision support systems supplied on a RCS or licensable basis with professional consulting.

CANADIAN INDUSTRIAL INNOVATION CENTRE/WATERLOO
156 Columbia Street West
Waterloo, Ontario
N2L 3L3

Contact: Mr. Gordon F. Cummer

Tel: (519) 885-5870
No. of employees: 20
Market Focus: Technology evaluation and enterprise assistance
Trade Names: Innovation Place Inc., Technology Development Inc.

Consulting Classifications:
X004 X006 X016 X023 X037 X074
X080 X102 X111 X113 X117 X132

Other Information:
Offer technological and commercial evaluation and assistance to inventors, entrepreneurs and industrial companies.

Provide idea evaluation, consulting and financial assistance. Particular attention is paid to overcoming problems which affect the success rate of new companies and new ideas.

CANADIAN MARKETING ASSOCIATES
3625 Dufferin Street, Suite 306
Downsview, Ontario
M3K 1Z2

Contact: Mr. Mark Sklar, Senior Consultant

Tel: (416) 630-8971
No. of employees: 21
Market Focus: Consulting for marketing/sales oriented companies
Trade Names: N/A

Consulting Classifications:
X006 X016 X074 X085 X088 X096
X117 X120

Other Information:
Specialize in:
1) Marketing/Sales Information Systems - design and streamlining report and analysis systems, interface with technical personnel and equipment. (Have analyzed potential market/customers, and with "customer" defining information system needs.)

2) Business Development - long range planning, diversitifcation, revitalization of static, declining products, productivity optimization, new product development.

3) Marketing - market/consumer analyses, opportunity identification/feasibility, marketing objectives and strategies.

CANADIAN POSTURE AND SEATING CENTRE
2-368 Phillip Street
Waterloo, Ontario
N2L 3X2

Contact: Mr. Phil Mundy, President

Tel: (519) 885-1090
No. of employees: 6
Market Focus: Provide aids for disabled
Trade Names: N/A

CANADIAN SOFTWARE DISTRIBUTORS
393 Rowell Avenue
Sault Ste. Marie, Ontario
P6C 5L2

Contact: Mr. Stan Refcio, General Manager

Tel: (705) 949-9432
No. of employees: 3
Market Focus: Educational programs (Software) for use in Canadian Schools
Trade Names: N/A

Product Classifications (Cdn. Content %):
W008 (16%) W012 (10%)

Software Classifications:
R001 T032

Consulting Classifications:
X032 X107

Other Information:
Distributes educational software for use in elementary and secondary schools. Also, offers a number of data base programs that can be adapted for a variety of information processing needs.

CANADIAN WORD PROCESSING SUPPLY COMPANY
258 Carlaw Avenue
Toronto, Ontario
M4M 2S8

Contact: Ms. Margaret E. Fabian

Tel: (416) 465-1136
No. of employees: 40
Market Focus: Distribution/Manufacturing
Trade Names:

Product Classification (Cdn. Content %):
W007 (N/P) W008 (N/P)

Other Information:
Performance diskettes, furniture system design. Distribution of supplies and accessories for all word and data processing systems including microprocessors, small business computers, personal and home computers.

CANEADA ASSOCIATES LIMITED
141 Wortley Road
London, Ontario
N6C 3P4

Contact: Mr. John Bramwell, President

Tel: (519) 432-5858
No. of employees: 14
Market Focus: Boards of Education, Universities and Colleges
Trade Names: N/A

Software Classifications:
R001 T105

Consulting Classifications:
X032 X105 X107 Z001

Other Information:
Provide research and evaluation consultation software and evaluation systems to schools, school boards, universities and colleges. Have developed evaluation software which can be accessed through data pac from nodes in any large Canadian city. Presently designing micro based evaluation system software for clients who wish to set up and process their job at their own site.

CANPOLAR CONSULTANTS LTD.
P.O. Box 331, Station Z
Toronto, Ontario
M5N 2Z5

Contact: Mr. James R. Rossiter, President

Tel: (416) 488-0552
No. of employees: 2
Market Focus:
Trade Names: N/A

Software Classifications (Embedded):
T080 T102 T105

Consulting Classifications:
X006 X016 X044 X046 X080 X102
X105 X117

Other Information:
Provides technological support and management services to industrial operations in marine environments, including - technology and systems development, project management, ice-measurement and detection, field operations, and data analysis, evaluation and iterpretation.

Offers innovation consulting services, ranging from technological concept design to location of R and D funding, market assessment and project management.

CANSTAR COMMUNICATIONS,
Div. of Canada Wire & Cable Co. Ltd.
1240 Ellesmere Road
Scarborough, Ontario
M1P 2X4

Contact: Mr. J.C. Wismath, Marketing Manager

Tel: (416) 293-9722
No. of employees:
Market Focus: Fiber optic technology in communications systems
Trade Names:

Product Classifications (Cdn. Content %):
O003

Other Information:
Developes applications for fiber optic technology in communications systems, which offer an intergrated capability to engineer, install and test complete turnkey fiber optic communication systems for computer, industrial, CATV, military and telecommunication applications.

Toronto - marketing and systems engineering departments. Winnepeg - research and development

CAPITAL-WEST INVESTMENT CORPORATION
#301-8155 Park Road
Richmond, B.C.
V6Y 1T1

Contact: Mr. Gregory Wong, President

Tel: (403?) 274-0577
No. of employees: 2
Market Focus: Management consulting - financial, computer, marketing, real estate
Trade Names: Capital-West Investment Corporation, Asia Canada Trading

Consulting Classifications:
X004 X074 X085 X095 X120 X044
X046 X047 X051 X076 X088 X037
X091 X023 X096 X097

Other Information:

CAPP CONSULTANTS INC.
1 Greensboro Drive
Toronto, Ontario
M9W 1C8

Contact: Mr. David McKay, President

Tel: (416) 249-9144
No. of employees: 12
Market Focus: Medium to Large Computer Systems
Trade Names: N/A

Software Classifications:
R001 T004 T070 T074 T094 T095

Consulting Classifications:
X070 X102 X107

Other Information:
Specialize in Inventory Control, Marketing Analysis and Planning, and Rental Billing and Control.

CARYATID SOFTWARE
55 Yarmouth St. #801
Guelph, Ontario
N1H 7R4

Contact: Ms. Carol Kozak, Office Manager

Tel: (519) 824-8715
No. of employees: 2
Market Focus: Entertainment applications & Graphics development W.R.T. micros
Trade Names: N/A

Software Classifications (Produced, endproduct):
T019 T032 T102

Consulting Classifications:
X107

Other Information:
Primarily interested in developing graphics based applications for micro computers (networked also). Applications could be:
- educational games (CAI),
- CAD/CAM, or
- TELIDON translation.

CATSA CONSULTING
2244 Delkus Crescent
Mississauga, Ontario
L5A 1K7

Contact: Mr. Cummins

Tel: (416) 276-4927
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X003 X106

Other Information:
Specializes in: Programming, and System Analysis.

CEGIR INC.
2 Complex Desjardins, Ste. 2301
P.O. Box 160
Montreal, Quebec
H5B 1B3

Contact: Mr. Andre R. Brais

Tel: (514) 288-6942
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X125 X130

Other Information:
Specialize in: Office Automation and Policy Planning.

CEM-TECH SOFTWARE INC.
P.O. Box 245
Dorchester, Ontario
N0L 1G0

Contact: Ms. Linda Elfman, Vice President

Tel: (519) 455-7020
No. of employees: 4
Market Focus: Business software development - microcomputers
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W011 (100%)

Software Classifications (Endproduct):
R001 T004 T074 T094

Consulting Classifications:
X004 X074 X085 X094 X095 X107 X120

Other Information:
Distributes microcomputers and minicomputers.

CEMCORP
951 Alness Street
Toronto, Ontario
M3J 2J1

Contact: Mr. G. Myers, President

Tel: (416) 736-4550
No. of employees: 19
Market Focus: Computers in Education
Trade Names: ICON, LEXICON

Products Classification (Cdn. Content %):
B005 (95%)

Other Information:
CEM Corp ICON prototypes include three terminal positions and a filesaver. The Icon is the only North American integrated hardware and software system designed exclusively for educational purposes. The Icon can be used at the beginner, advanced and teacning levels. Each workstation is a 256k, 16-bit micro based on an Intel 186 chip and includes speech synthesis output,a trackball to move the cursor, a bilingual CRT and high-speed networking capability of up to 32 workstations per filesaver. A standard workstationwith floppy disk is also available, and CEM Corp plans to introduce a new 32-bit micro in March 1984. CEM Corp is currently involved in two types of educational applications software development: a graphics-based user interface and lessonware, using the Waterloo Systems Languages developed at the University of Waterloo.

CENTENNIAL COMPUTER SERVICES
100 Westbourne Avenue
Scarborough, Ontario
M1L 2Y5

Contact: Mr. Brian Etwell, Chief Officer

Tel:
No. of employees: (416) 759-4548
Market Focus: Computer applications software
Trade Names: N/A

Consulting Classifications:
X004 X074 X085 X095 X107

CENTRAL DYNAMICS LTD.
147 Hymus Blvd.
Montreal, Quebec
H9R 1G1

Contact: Mr. Brian Tee,Assistant Vice-president

Tel: (514) 697-0810
No. of employees: N/A
Market Focus: Television Terminal Equipment
Trade Names: N/A

Software Classifications:
P002

Other Information:Designs and manufactures state of the art equipment for the television industry, meeting NTSC, PAL, and SECAM international standards.

Products include video production switchers, master control switchers, routing switchers, video and audio distribution equipment, and studio and operations automation equipment. Ninety percent of Montreal production is exported.

CDL holds patents on sin-cos hue control for RGB chroma keying, sequential effects (SFX) amplifier, mix-effects amplifier and matrix wipes.

Exclusive distributor for Philips and PYE TVT broadcast equipment in Canada and the U.S.

CENTRALIZED INSURANCE MANAGEMENT LTD.
214 Norseman St.
Toronto, Ontario
M8Z 2R4

Contact: Mr. Mike Hornick, President

Tel: (416) 231-7444 (1-800-268-2774)
No. of employees: 12
Market Focus: Insurance Industry/DATABASE
Trade Names: CIM. Ltd.
CIM-DATA

Product Classifications (Cdn. Content %):
W011 (N/P) W014 (N/P) W004 (100%)
O002 (100%) O001 (100%)

Software Classifications:
R001 R004 S001 S010 T004 T054
T074 T085 T120

Consulting Classifications:
X004 X054 X074 X085 X107 X120

Other Information:
Specialize in insurance and communications at low cost. Have quick development tools. Deal with any requirements in the insurance industry.
Distributes printers and terminals.

CENTRIFUGAL COATERS
1317 Speers Road
Oakville, Ontario
L6L 2X5

Contact: Mr. Neil Huff

Tel: (416) 827-1156
No. of employees: 75
Market Focus: Custom coating - construction and automotive
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (100%)

Other Information:
Specialize in custom coating (both functional and decorative) on computer parts. Also surface pretreatment, and moulded plastic components.

LUC CHAREST ENRG.
700 Bd. St-Joseph, #1114
Hull, Quebec
J8Y 4B1

Contact: Mr. Luc Charest, Owner

Tel: (819) 879-5733
No. of employees: 1
Market Focus:
Trade Names: N/A

Software Classifications (Endproduct):
S010

Other Information:
NATURAL is the language when using ADABAS (a data base package). This product lists and produces hard copy cross-references to a program/programs in libraries.

V.S. CHENG & ASSOCIATES INC.
5 Ross St.
Toronto, Ontario
M5T 1Z8

Contact: Mr. Victor Cheng, President

Tel: (416) 979-1038
No. of employees: 4
Market Focus: Human services organizations
Trade Names: N/A

Software Classifications:
R001

Consulting Classifications:
X039 X044 X046 X074 X100 X105
X107 X120

Other Information:
Specialize in turnkey packages for municipal recreation departments and sports administration organizations. Hold seminars on computer applications for senior management in human services organizations.

CHINOOK FUEL INNOVATIONS LTD.
660, 808 - 4th Avenue, S.W.
Calgary, Alberta
T2P 3E8

Contact: Mr. Werner Kesel, President

Tel: (403) 261-0940
No. of employees: 8
Market Focus: Technology Development
Trade Names: N/A

Consulting Classifications:
X080 X102

Other Information:
Primarily engaged in technology development and consulting services on energy developments including R. & D., testing, feasibility studies, engineering, technology assessment and transfer, market surveys and forecasts.
WELDING TECHNOLOGY DEVELOPMENT GROUP develops welding processes and quality assurance procedures for various processes. Also provides personnel training courses and seminars.
ENERGY RESOURCES GROUP consults on enhanced oil recovery, heavy oil upgrading, conversion of coal to liquid fuels and specialty gases and transportation of resource commodities via slurry or capsule pipelines.

CHUBB INDUSTRIES LIMITED, SECURITY SYSTEMS DIVISION
80 Horner Avenue, Toronto, Ontario
M8Z 4X9

Contact: Mr. A. R. Jeans, Manager - Engineered Systems Department

Tel: (416) 252-4141
No. of employees: 475
Market Focus: Computer-Based security - fire, intrusion & access
Trade Names: CHUBB ON-GUARD, CHUBB PYRENE

Product Classifications (Cdn. Content %):
W002 (0%) W004 (66%) W005 (0%)
W011 (0%) W012 (100%) W014 (0%)
W016 (0%)

Other Information:
Specialize in security including point monitoring, fire system monitoring, environmental equipment control and closed circuit television systems.

Proprietary software is used for operation of CHUBB systems (eg. Watch Tour, and Colour Graphics packages).

Branch offices at:
80 Horner Avenue, Toronto, M8Z 4X9
1151 Parisien Street, Ottawa, L8B 4W4
630 Church Street, Windsor, N9A 6P2.

CHURCHILL LEPAGE AND COMPANY
O/B C and L Computer Consultants Inc.
1235 Bay Street, Suite 500
Toronto, Ontario
M5R 3K4

Contact: Mr. B.E. Suwary, V.P., Marketing

Tel: (416) 968-9088
No. of employees: 20
Market Focus: Consulting Services & software packages
Trade Names: N/A

Consulting Classifications:
X004 X009 X019 X037 X039 X044
X046 X047 X050 X051 X054 X068
X074 X076 X080 X085 X088 X091
X093 X094 X095 X096 X105 X107
X117 X120

Other Information:
Specializes in applications and systems consulting for the EDP industry. Markets financial applications for minicomputers, such as accounts payable/receivable, inventory and general ledger. Also represents special applications software for microcomputers.

CINCOM SYSTEMS OF CANADA LTD.
130 Dundas Street East
Suite 201
Mississauga, Ontario
L5A 3V8

Contact: Mr. C.J. Wheeler,Manager - Custom Systems and Consulting

Tel: (416) 279-4220
No. of employees: 46
Market Focus: Systems Development and Consulting
Trade Names: TOTAL,MANTIS,DATA CONTROL SYSTEM, ENVIRON/1, LMS-II, ENV-DATA, SOCRATES, T-ASK, TOTAL INFORMATION SYSTEM, DATA DICTIONARY

Consulting Classifications:
X003 X106

Other Information:
Specializes in data base and on-line projects. Software products include:
TOTAL - Data Base Management Systems;
ENVIRON/1 - Teleprocessing Monitor;
SOCRATES - Batch Reporting System;
T-ASK - On-Line Query System;
LMS - Library Maintenance System

COGEBEC INFORMATION INC.
4 Place Du Commerce, Ste. 450
Ile Des Soeurs
Montreal, Quebec
H3E 1J4

Contact: M. Michel D. Pret

Tel: (514) 768-1196
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Other Information:

COGEM INC. MARKETING
365 Bloor Street East
Suite 500
Toronto, Ontario
M4W 3L4

Contact: Mr. Irwin B. Hankins, Manager-Special Projects

Tel: (416) 968-1038
No. of employees: 37
Market Focus: Marketing and Management Consultants
Trade Names:

Other Information:
Specializing in: Market consulting and marketing/opinion research.
Experience in conducting, planning and feasibility studies, public opinion research and marketing strategy work for private and public sector clients.
Has own field service for research interviewing (Intercontact) and a full service capability including S.P.S.S. and Donovan Systems.

COGESULT INC.
555 Boul. Dorchester Ouest
Bureau 555
Montreal, Quebec
H2Z 1B1

Contact: M. Gilbert Therien

Tel: (514) 875-2817
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X095

Other Information:
Specialize in: Purchasing.

COHESIVE COMPUTER SYSTEMS LTD.
1250 Leeds Ave.
Ottawa, Ontario
K1B 3W3

Contact: Dr. L.D. Stewart, President

Tel: (613) 748-1100
No. of employees: 15
Market Focus: Education/Programme development
Trade Names: WICAT Systems Ltd.

Product Classifications (Cdn. Content %):
B008 (70%) C002 (50%) W002 (65%)
W004 (65%) W005 (65%) W007 (100%)
W008 (80%) W011 (80%) W012 (100%)
W014 (45%) W015 (55%) O002 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T020 X032 X037 T047 X076 T085
T088 T094 T095 T102 T120

Consulting Classifications:
X004 X032 X037 X044 X046 X047
X076 X085 X088 X094 X095 X107
X120 Z001

Other Information:
Proprietary Software includes: WISE (Authoring system for CAI), SMART (System Manager for CAI), BASICS (Reading, writing, math K to 12), IPP (Individual Pupil Progress - objective setting), ADMIN (Student scheduling, budget for schools), ESL (English as second language). Distributes mini-computers, microcomputers, printers, terminals, word processing equipment, flexible disks, support equipment and modems.

COLLINS & MOON LTD.
435 Stone Road West, Suite 215
Guelph, Ontario
N1G 2X6

Contact: Mr. George C. Moon, General Manager

Tel: (519) 836-3844
No. of employees: 6
Market Focus: Research into Spatial Data Bases; Development of Software for Terrain Analysis
Trade Names: N/A

Software Classifications:
R001 T006 T044 T046 T067 T102

Consulting Classifications:
X004 X006 X044 X046 X067 X085
X102 X105 X107 X120

Other Information:
Specialize in research and development in spatial analysis systems, including geographic information systems (GIS), and data base management systems development. Software products include THEMAPS, a system for thematic mapping, including the input of geographic data from any sources, data processing and selection, and output mapping and display.

COLUMBIA PLASTICS LTD.
2155 W 10th Avenue
Vancouver, B.C.
V6K 2H7

Contact: Mr. David T. Reid, Manager of Sales and Marketing

Tel: (604) 736-9261
No. of employees: 80
Market Focus: Custom Manufactured Internal Components and Electronic Packaging in Plastics
Trade Names:

Products Classifications (Cdn. Content %):
B000 (N/P)

COM DEV LTD.
155 Sheldon Drive
Cambridge, Ontario
N1R 7H6

Contact: Mr. Ken Flood,Vice-president

Tel: (519) 622-2300
No. of employees: 180
Market Focus: Communications Satellites and Earth Terminals
Trade Names: N/A

Product Classifications (Cdn. Content %):
O003

Consulting Classifications:
X117

Other Information:
Designs and manufactures microwave devices and subsystems for communication satellites and earth terminals. Has automatic test facilities for measuring product performance, thermal vacuum chambers to test performance in a simulated space environment, and shock and vibration equipment to simulate conditions in a Delta or Atlas Centaur nose cone or the Space Shuttle.
1) Communications Satellite Products - contiguous and non-contiguous dual mode . output multiplexers; group delay and amplitude equalized input multiplexers; high power waveguide and low power coax isolators; low pass harmonic reject filters; telemetry, command and preselect filters; adaptive variable power dividers and combiners; polarization switches; and beam reconfiguring subsystems.
2) Earth Terminal Products - High power microwave components and subsystems including filters, diplexers, combiners, isolators and terminations; low-loss transmit reject filters; interdigital and coax filter-isolator assemblies.
3) SAW Products - advanced signal processing components and sub assemblies for radar and satellite communications.
4) Consulting Services - studies undertaken on tradeoffs, optimization, and hardware design aspects of the microwave subsystems used in communications satellites.

COMBAC MANAGEMENT CORP.
1800 Argentia Road
Mississauga, Ontario
L5M 2C4

Contact: Mr. L.A. Lerch, President

Tel: (416) 821-2800
No. of employees: 5
Market Focus: Computer Back Up
Trade Names: N/A

Products available (to members):
W002 (N/P) W004 (N/P) W006 (N/P)
W011 (N/P) W014 (N/P) W015 (N/P)

Other Information:
Facility has the capability of providing the equipment for short term outages and the data centre floor space for long term outages to service corporate and government needs in the event of breakdowns in computer operations.

Company also provides a consulting service re the preparation of recovery plans, computer security and physical security. Distributes mainframes, printers, disk drives, tape drives, terminals, controllers, word processing equipment, facsimiles, and modems.

COMMUNICATIONS ANIMA Lte
207 Place Frontenac
Pointe-Claire, Quebec
H9R 4Z7

Contact: Ms. Louise Jasmin-Demers, Director/President

Tel: (514) 694-7178
No. of employees: 11
Market Focus: Adult second-language learners
Trade Names: N/A

Product Classifications (Cdn. Content %):
W008 (N/P) W008 (N/P) W012 (N/P)
O002 (N/P)

Software Classifications:
T020 T037 T044 T046

Consulting Classifications:
X009 X032 X044 X046 X047 X051
X064 X081 X096 X107 X117 Z001

Other Information:
Specialize in developing content for Canadian French educational software for adults. Primary market is business professionals who need custom-designed programmes to learn a second language (French, English, or Spanish). Software is for micro/desktop computers (Canadian designed microcomputers). Goal is to establish software library of latest educational software on the market, which would be accessible to schools. Distributes computer supplies.

COMPAL CONSULTING SERVICES
28 Buxton Rd.
Downsview, Ontario
M3M 1Y5

Contact: Mr. Alex Woda, Proprietor

Tel: (416) 245-8137
No. of employees:
Market Focus: Acoustical design for environments
Trade Names:

Software Classifications:
T102

Other Information:
Experienced with large IBM mainframes' software and utilities. Offer software design and general purpose computer system implementation, microcomputer programming and graphics, project management and feasibility studies.

COMPHARM DATA LIMITED
55 Torbay
Unionville, Ontario

Contact: Mr. John Mainwaring

Tel: (416) 498-6936
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
V001 V062

Consulting Classifications:
X088

Other Information:
OEM Turnkey Designer systems assembles micro/CPU/Peripherals.

COMPU-PIX LTD.
660 Pilot Street
Prince George, B.C.
V2M 5J1

Contact: Mr. Michael D. Gee, President

Tel:
No. of employees:
Market Focus: Educational Products
Trade Names: ENER-GEE

Software Classifications (Distributed, endproduct):
T032

Consulting Classifications:
X032

Other Information:
Company is newly formed. Specializes in educational software development and evaluation - all grades and difficulty levels.

COMPUCRAFT SYSTEMS LIMITED
1680 Woodward Drive
Ottawa, Ontario
K2C 3R8

Contact: Mr. T. R. Penner, Manager

Tel: (613) 226-8461
No. of employees: 14
Market Focus: Facilities Management & Time-Sharing
Trade Names: N/A

Product Classifiations (Cdn. Content %):
W002 (10%) W004 (100%) W012 (10%)
O002 (80%)

Software Classifications (Distributed, produced, embedded):
T004 T044 T046 T066 T074 T102
T117 T120

Consulting Classifications:
X044 X046 X066 X074 X102 X107
X117 X120

Other Information:
Facilities Management: Provide, install and manage HP3000 computers. Offer HP users the prospect of a controlled, cost effective system installation/operation, or through resource sharing, the opportunity to delay installation until a whole system is justifiable.

Turnkey Solutions: Inhouse software staff implement and support total solutions using shared systems. Have satisfied needs including sales management information, membership list keeping, document indexing and configuration management for engineering, from initial concepts to final documentation.

COMPUFLOW
100 Spadina Rd.
Suite 1402
Toronto, Ontario
M5R 2T7

Contact: Mr. Kelvin Kaufman, Director

Tel: (416) 962-6281
No. of employees: 2
Market Focus: Micro-computer implementation/word-processing and typesetting
Trade Names: N/A

Software Classifications (Produced, embedded):
R001 T004 T046 T066 T070 T074
T081 T085 T095 T120 T132

Consulting Classifications:
X046 X066 X070 X081 X107 X120
X132

Other Information:
Company is in two parts, one of which offers typesetting and word processing, the other writes programmes for users of GUTENBERG, MULTIPLAN, & DBASE II. Hardware experience lies in Apple IIs and CORVUS hard disk technologies.

COMPUGEN SYSTEMS INC.
150 Consumers Road, Suite 304
Willowdale, Ontario
M2J 1P9

Contact: Dr. Harry Zarek, Senior Consultant

Tel: (416) 494-2979
No. of employees: 5
Market Focus: Microcomputers, software and hardware sales, Custom.
Trade Names: CSI-10 Computer, CSI-20 Computer

Product Classifications (Cdn. Content %):
W002 (50%) W011 (10%) W014 (10%)

Software Classifications:
R004 S001 S007 S010 T047 T066
T080 T093 T102 T105 T120

Consulting Classifications:
X047 X066 X080 X093 X102 X105
X107 X120

Other Information:
Specialize in Mineral Claims Management System for mining companies; word processing and office management systems for Trustees in Bankruptcy; commercial and industrial building controls software; scientific and engineering custom software development.
Distributes microcomputers, printers, and terminals.

COMPUTECH COMPUTER SERVICES
2299 Drew Road Unit #4
Mississauga, Ontario
L5S 1A3

Contact: Mr. G.E. Reader, Database Administration

Tel: (416) 671-3736
No. of employees: 20
Market Focus: (software) data entry/input, data processing
Trade Names: COMPUTECH COMPUTER SERVICES

Product Classifications (Cdn. Content %):
C005 (100%) M002 (100%) O003 (100%)
O004 (100%) W002 (100%) W004 (100%)
W005 (100%) W006 (N/P) W008 (100%)
W011 (100%) W012 (100%) W013 (100%)
W014 (100%) W016 (100%) O002 (100%)
O001 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T037 T047 T054 T067 T074
T076 T085 T094 T095 T105 T117

Other Information:
Distributes minicomputers, magnetic ink character recognition equipment, optical character recognition equipment, printers, disk drives, tape drives, memory devices, terminals, controllers, disk packs and cartridges, flexible disks, and magnetic tape media.

COMPUTEL SYSTEMS LTD.
112 Kent Street
14th Floor, Tower B
Ottawa, Ontario
K1P 5P2

Contact: Mr. Edward P. Cannon

Tel: (613) 238-6061
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X001 X002

Other Information:
Products - Service Bureau, Consulting in Communications.

COMPUTER & SOFTWARE DISTRIBUTORS
34 Ansley Road
Wasaga Beach, Ontario
L0L 2P0

Contact: Ms. Debra Rogers, Owner

Tel: (705) 429-2576
No. of employees: 4
Market Focus: Business
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (30%) W006 (30%) W008 (30%)
W010 (30%) W011 (30%) W012 (90%)
W014 (30%) W015 (30%)

Other Information:
Canadian distributor for Family Bible Fun, Christian Software.

COMPUTER APPLICATION TECHNIQUES LTD.
3039 Saracen Court
Mississauga, Ontario
L5N 3G9

Contact: Mr. I. El-Raher

Tel: (416) 824-1969
No. of employees: 4
Market Focus: Customized Software
Trade Names:

Software Classifications:
R001 T032 T088

Consulting Classifications:
X004 X023 X032 X037 X044 X046
X068 X070 X074 X080 X085 X093
X094 X095 X102 X105 X107 X117

Other Information:
Specializing in: Fourth Generation Software, Real-time Applications, Educational Software, Games, Simulation and Scientific/Mathematical Models for the Personal Computer.

COMPUTER ASSEMBLY SYSTEMS LTD.(COMPAS)
1245 California Avenue
Brockville, Ontario
K6V 5Y6

Contact: Mr. Donald M.
Clark,Vice-president and General Manager

Tel: (613) 342-5041
No. of employees: N/A
Market Focus: P.C.B. Contract Assembly service for the Electronics Industry
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
Has a highly automated independent P.C.B. assembly operation using computer controlled equipment. This is combined with a comprehensive component preparation department, automatic lead taping and wave soldering equipment, aqueous cleaning systems, semi-automatic lead trimmers and manual assembly areas.

Waterloo and Ogdensburg, N.Y. branch facilities.

COMPUTER BOARD REPAIR DEPOT
14 Esses Avenue
Unit #34
Thornhill, Ontario
L3T 3Z1

Contact: Mrs. Rodica M. Tessier, President

Tel: (416) 731-0088
No. of employees: 6
Market Focus: OEM's & Third Party Maintenance Groups
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (100%)

Other Information:
Independent, Canadian depot providing SERVICE SUPPORT ENHANCEMENT to organizations for all types of (Computer/Computer Peripherals) printed circuit board repairs to a component level. Offers alternative to costly in-house component level repair service.

Modules serviced: Analog/Digital/Key/Memory/power/I-O/CPU and Video Boards, Disk Drives/Power Supplies/Data Sets - Modems.

SORC (Save On Repair Costs) pricing is available on Volume Commitments.

Features offered include Rapid Turnaround Time, Fully Warrantied Workmanship, and Custom Designed Service Packages.

COMPUTER CONSULTANTS INTERNATIONAL
1 Yonge Street
Suite 1801
Toronto, Ontario
M5E 1E5

Contact: Mr. Barry Williams, Director, Corporate control/Marketing

Tel: (416) 365-1131
No. of employees: 17
Market Focus: Feasibility studies, structured design, spectrum methodology
Trade Names:

Consulting Classifications:
X106 X131

Other Information:
Also offer project management, data processing education, software evaluation, and user system orientation.

COMPUTER CRIME INVESTIGATIONS INC.
4 Farnham, Place Bonaventure
Montreal, P.Q.
H5A 1C3

Contact: Mr. Brian S. Lauber, President

Tel: (514) 861-6559
No. of employees: 37
Market Focus: Security management of computer installations. R & D of security safeguarding techniques/devices for EDP, WP, and telecommunications equipment. Criminal investigations of computer-related crime.
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (89%) C005 (93%) D006 (91%)
D014 (88%) G003 (73%) L000 (100%)
M002 (100%) O003 (96%) O004 (96%)

Software Classifications (Produced, endproduce, embedded):
T009 T020 T037 T093 T117

Consulting Classifications:
X004 X009 X037 X044 X045 X046
X051 X054 X064 X066 X067 X068
X070 X074 X076 X085 X091 X093
X094 X095 X100 X102 X107 X117
X120 X132 Z001

Other Information:
Specialize in computer supplies including various forms/questionnaires necessary to assess a client's security vulnerabilities (through CCI-Risk/Exposure Analysis), and for day-to-day computer security management of existing systems. Applications Software includes security management, password validation and access contol, data cryptography and scrambling, recovery of data from damaged disks/tapes, EDP auditing packages, main memory read/write protection and 24HR "watchdog" surveillance. Ottawa and Toronto branch offices to open late 1983.

COMPUTER CULTURE
39 Scarboro Beach Blvd.
Toronto, Ontario
M4E 2W9

Contact: Mr. Stephen W. Long, Owner

Tel: (416) 694-8842
No. of employees: 2
Market Focus: Cultural Industries
Trade Names: Computer Culture, Creating with Computers

Software Classifications:
T032 T046

Consulting Classifications:
X032

Other Information:
Specialize in developing software for visual arts program, developing a data base on Canadian Art, teaching visual arts on the computer, developing private courses.

Producing magazine, "Computer Culture", 1st issue, Sept. 1983, quarterly, dealing with the cultural implications of computers.

COMPUTER DISCOVERY
224 King St. W.
Hamilton, Ontario
L8P 1A9

Contact: Mr. Terry Stanhope, Director of Research

Tel: (416) 527-2191
No. of employees: 8
Market Focus: Mini & Micro computer software tools.
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W007 (N/P) W008 (N/P)
W010 (N/P) W011 (N/P) W012 (N/P)
W013 (N/P) W014 (N/P) W015 (N/P)
W016 (N/P)

Software Classifications:
R001 R004 S001 S010 T004 T020
T032 T044 T046 T047 T074 T085
T094 T095 T120

Consulting Classifications:
X004 X032 X044 X045 X046 X047
X074 X085 X094 X095 X102 X107
X120 X132 Z001

Other Information:
Specialize in Research & Development for Non-Procedural Applications Generators and other applications development tools. Focus of Research & Development is Mini Computer Market and 16 and 32 bit Micro Computers.

COMPUTER DISTRIBUTION INC.
807 Kapilano
100 South Park Royal
West Vancouver, B.C.
V7T 1A2

Contact: Mr. Eugene Killam, Director

Tel: (604 926-6031
No. of employees: 10
Market Focus: Distribution to OEMs & Large endusers
Trade Names: N/A

Product Classifications (Cdn. Content %):
C002 (N/P) W002 (N/P) W004 (N/P)
W005 (N/P) W006 (N/P) W011 (N/P)
W012 (N/P) W013 (N/P) W014 (N/P)
W015 (N/P)

Software Classifications (Distributed):
R001 R004 S001 S007 S010 T004
T020 T023 T037 T039 T054 T067
T074 T076 T085 T088 T094 T095
T100 T120

COMPUTER INFONET SERVICES LTD.
Suite 201
2 Sheppard Ave. E.
Willowdale, Ontario
M2N 5Y7

Contact: Mr. M.J. Alladin, President

Tel: (416) 224-2320
No. of employees: N/P
Market Focus: accounting - VAX/VMS, Basic, Cobol, Fortran
Trade Names:

Consulting Classifications:
X028

Other Information:
Proprietary software: BAS (Budget Accounting System). Experience in graphics, mortgage insurance accounting, property management, energy, and advertising accounting.

COMPUTER INNOVATIONS
3761 Victoria Park Avenue
Scarborough, Ontario
M1W 3S2

Contact: Ms. Catherine Cherry, National Accounts Manager

Tel: (416) 497-7522
No. of employees:
Market Focus: Microcomputer sales, service and training
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W008 (N/P)
W011 (N/P) W012 (N/P) W016 (N/P)
W017 (N/P)

Software Classifications (Distributed):
R001 R004 S001 S007 S010 T004
T044 T046 T066 T074 T076 T080
T085 T094 T095 T102 T105 T120

Other Information:
Specialize in sales and servicing of computer software support and applications. Product line includes IBM, Apple, Digital, Osborne and Texas Instrument Computers.
All revenues remain in Canada for the purpose of Canadian manufacturing, research and development.
Distributes "CompliMED"-a medical package, including hardware, software and training.

COMPUTER METHODS (CANADA) LTD.
2300 Yonge Street
Toronto, Ontario
M4P 1E4

Contact: Mr. Andrew Levy

Tel:
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T102

Other Information:
Products: software development in engineering technology.

COMPUTER SCIENCES CANADA LTD.
515 Consumers Road, Suite 200
Willowdale, Ontario
M2J 4Z2

Contact: Mr. Frank MacKinnon, Branch Manager, Ontario Provincial Branch

Tel: (416) 496-0500
No. of employees: 130
Market Focus: Consulting, remote computer services, systems integration
Trade Names: INFONET CSC

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T016 T023 T037 T039 T044
T046 T047 T051 T054 T070 T074
T076 T080 T085 T088 T096 T097
T120 T102 T105 T111 T113 T117

Consulting Classifications:
X004 X009 X016 X023 X037 X039
X044 X046 X047 X051 X054 X070
X074 X076 X080 X085 X088 X096
X097 X102 X105 X107 X111 X117
X120

Other Information:
Specialize in Customized Application Development, Facilities Management, Distributed Network Services, Micro Technology (Software), Office Automation, Hospital Services, Contract Services, Database Systems.

Proprietary Software Products: MANAGE, QUERY, FLARES, ALADIN, (database systems); IGL (graphics); Financial Modelling Systems; NOTICE (information distribution system).

Three Toronto branches (Ontario Provincial branch, Banking Industry branch, Commercial branch), also Ottawa branch.

COMPUTER SIGN SYSTEMS LTD.
226 Steelcase Road West
Markham, Ontario
L3R 1B3

Contact: Mr. Sam Markle, President

Tel: (416) 475-7105
No. of employees: 29
Market Focus: Architectural products, computerized directories, displays & signage
Trade Names: CompuDirect, Computer Sign, Spellex, CompuFlash, CompuChaser

Product Classifications (Cdn. Content %):
C005 (95%) B008 (100%) H001 (90%)
O002 (100%)

Software Classifications (Embedded):
T068 T102

Other Information:
Specializes in:
1) CompuDirect 2 - computerized directory system for shopping centres and mixed use complexes,
2) CompuDirect 4 - Computerized directory system designed for office and apartment buildings,
3) ComputerSign - electronic lamp bank message system,
4) CompuFlash - computerized, solid state neon controller with almost unlimited animation capabilities (from 16 points to any multiple of 16),
5) Spellex - portable, easy to use "State of the art" L.E.D. message center,
6) CompuChaser - solid state speed adjustable 4 point flasher for neon or chaser for incandescent lamps.

COMPUTER - EASE LTD.
94 Craighurst Ave.
Toronto, Ontario
M4R 1K2

Contact: Mr. J.S. Crawford, President

Tel: (416) 481-6791
No. of employees: 3
Market Focus: Manufacturing sector computer systems
Trade Names: MINIMODEL : Financial modeling software
NUTROL : Numerical control software

Product Classifications (Cdn. Content %):
W002 (40%) W010 (40%) W011 (40%)
W012 (100%) W014 (40%) W015 (40%)
W016 (40%)

Software Classifications:
R001 T004 T006 T016 T037 T039
T070 T074 T080 T085 T091 T094
T095 T111 T117 T120

Consulting Classifications:
X004 X006 X016 X070 X074 X085
X094 X095 X120

Other Information:
Specialize in proprietary software systems.
1) NUTROL - for numerical control of various devices and production machinery.
2) MINIMODEL - for financial modelling.
3) EASY - for general accounting and business administration.
4) ADAGE - for advertising agency accounting.

THE COMPUTEROOM LTD.
44 Haywood Cres.
Kanata, Ontario
K2L 2J2

Contact: Mr. M. Hagarty, Marketing Director

Tel: (613) 592-4301
No. of employees: 6
Market Focus: Micro-processor based systems
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct, embedded):
T004 T016 T074 T085 T091 T095
T113

Consulting Classifications:
X044

Other Information:
Specializes in applications and systems consulting for government departments and business, real estate, chemical and traffic control industries.

COMPUTERTIME NETWORK CORPORATION
3300 Cote Vertu Road, Suite 114
St. Laurent, Quebec
H4R 2B7

Contact: Mr. Randal K. Wong, Corporate Manager Marketing Services Group

Tel: (514) 337-0316
No. of employees: 25
Market Focus: Software and computing services
Trade Names: N/A

Product Classifications (Cdn. Content %):
O003 (100%) O002 (100%) W012 (100%)

Software Classifications (Distributed, produced, endproduct embedded):
R001 R004 S001 S007 S010 T004
T006 T009 T016 T019 T023 T037
T039 T044 T045 T046 T047 T050
T051 T054 T066 T067 T068 T070
T074 T076 T081 T085 T088 T091
T093 T094 T095 T096 T100 T102
T105 T111 T113 T117 T120 T132

Other Information:
Specialize in research, planning, design and implementation of computer based application systems in process control and business/commercial areas. Build systems which use microprocessor, minicomputer, and mainframe technologies, in stand-alone or networking configurations.
Three main areas: 1) process control and data-acquisition systems, 2) manufacturing and business systems, 3) custom engineering of hardware and software projects and products. Clients are in financial, manufacturing, industrial, public utility, government, and para-governmental sectors.
Also computing data centre providing computing hardware facilities, software development tools and application systems in interactive on-line timesharing environment.

COMPUTING DEVICES COMPANY
P.O. Box 8508
Ottawa, Ontario
K1G 3M9

Contact: Mr. Hugh R. Irvine, Manager, Marketing Administration

Tel: (613) 596-7000
No. of employees: 798
Market Focus: Military electronics (80% exported)
Trade Names: Guidar SPIR, MiliPAC, PMP-8, TCSE

Product Classifications (Cdn. Content %):
C005 (N/P)

COMPUTRONIC DATA SYSTEMS
50 Cremazie West, Ste. 404
Montreal, Quebec
H2P 2T1

Contact: Mr. Louis Leveille

Tel: (514) 384-6860

No. of employees: 150
Market Focus: Remote computing services for government & business
Trade Names: COMSHARE

Product Classifications (Cdn. Content %):
B008 (N/P) J001 (N/P)

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 T004 T006
T020 T037 T039 T044 T046 T054
T067 T070 T074 T085 T091 T094
T097 T105 T113 T132

Consulting Classifications:
X003 X106 X107

Other Information:
Manufactures an international version of Atext-Editing System adaptable to any foreign language.

COMTECH GROUP INTERNATIONAL LIMITED
5 Fairview Mall Dr.
Willowdale, Ontario
M2J 2Z1

Contact: Mr. Terry Otto, National Sales Manager

Tel: (416) 492-1480
No. of employees: 100
Market Focus: payroll, sales order processing
Trade Names: COMTECH

Product Classifications (Cdn. Content %):
O002 (100%)

Software Classifications (Producting, endproduct, embedded):
T004 T085

Other Information:
One of Canada's leading service bureaus. Offers a complete line of general accounting and office services including sales order processing, inventory reporting, invoicing, sales and profit analysis, accounts receivable, general ledger, accounts payable, payroll, job costing, financial planning, word processing and custom programming. These products are available through the Interactive Services operation (IAS), a timesharing access arrangement where the user is equipped with a low cost terminal (either CRT or Teleprinter). An alternative service is called Telaccounting which is a fully integrated system covering accounts receivable and payable, general ledger and custom management reporting. All services are available through the CRT terminal.

COMTERM LIMITED
545 Delmar Avenue
Pointe Claire, Quebec
H9R 4A7

Contact: Mr. Guy Senecal

Tel: (514) 694-3030
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
H001 (N/P) H003 (N/P)

Other Information:
Products include: video display terminals and display printer/systems.

CONSULTRONICS LTD.
38 LePage Ct.
Downsview, Ontario
M3J 1Z9

Contact: Mr. A. Rekai, President

Tel: (416) 630-0560
No. of employees: 22
Market Focus: Telecommunications
Trade Names: N/A

Product Classifications (Cdn. Content %):
M002 (85%)

Other Information:
Specialize in the manufacture of Data Communications Test Equipment.

CONTINENTAL COMPUTER CONSULTANTS INC.
220 Yonge Street
Suite 209
Toronto, Ontario
M5P 2H1

Contact: Mr. John S. Shanes

Tel: (416) 598-3378
No. of employees: 110
Market Focus: Systems design, computer programming, project management mini-computers and feasibility studies.
Trade Names: N/A

Consulting Classifications:
X106

Other Information:
Formerly B.G.H. Management Consultants.

Services include feasibility studies, assisting clients in selecting, purchasing and installing computer systems; providing system software support; integrating existing systems; providing customized or standard courses; and providing technical personnel for modular and structured programming.

CONTRIC AUTOMATION LTD.
1730 McPherson Ct. - 1
Pickering, Ontario
L1W 1S6

Contact: Mr. Chuck Suikki, President

Tel: (416) 839-0182
No. of employees: 12
Market Focus: Control & Monitoring Systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (90%) C005 (90%)

Software Classifications:
T093

Other Information:
Controls for mechanical systems to reduce energy costs.
Distributes microcomputers.

CONTROL DATA CANADA, LTD.
1855 Minnesota Court
Mississauga, Ontario
L5N 1K7

Contact: Mr. L. Willson, Public Affairs Department

Tel: (416) 826-8640
No. of employees: 2,000
Market Focus: Large-scale computer systems manufacturing
Trade Names: Cyber, Plato

Product Classifications (Cdn. Content):
B001 (33%) B003 (33%) B005 (N/P)
C002 (N/P) C004 (N/P) F002 (N/P)
G001 (N/P) G002 (N/P) G003 (N/P)
H001 (N/P) I000 (N/P) K001 (N/P)
K002 (N/P) K003 (N/P) L000 (80%)
O003 (N/P) W002 (N/P) W004 (N/P)
W005 (N/P) W006 (N/P) W008 (N/P)
W010 (N/P) W011 (N/P) W012 (N/P)
W013 (N/P) W014 (N/P) W016 (N/P)
O002 (N/P)

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T016 T019 T020 T023 T032
T037 T039 T044 T046 T050 T051
T054 T064 T068 T070 T074 T076
T080 T085 T091 T093 T094 T097
T100 T102 T105 T117 T132

Consulting Classifications:
X004 X006 X016 X019 X020 X023
X037 X039 X044 X046 X050 X051
X054 X064 X068 X070 X074 X076
X080 X085 X091 X093 X094 X097
X100 X102 X105 X107 X117 X132
Z001

Other Information:
Manufacturer of large-scale computer systems - CYBER Series and supplier of computer consumable products: stock tab forms, cards, ribbons.

CONTROL DYNAMICS INC.
P.O. Box 485, 507 Frederick Street
Kitchener, Ontario
N2G 4A2

Contact: Mr. Mark Stanson, V.P., Engineering

Tel: (519) 576-4311
No. of employees: 4
Market Focus: Telecommunication Control Products
Trade Names: CONTROL DYNAMICS

Product Classifications (Cdn. Content %):
W004 (100%) W016 (100%)

Software Classifications (Produced, embedded):
R001 S010 T095 T094 T117

Consulting Classifiations:
X107

Other Information:
Specialties:
1) Design, development & manufacture of Digital Office Automation Control Products.
2) Development of software for specific management and administrative telecommunication control.
Distributes microcomputers, disk drives, terminals, and word processing equipment.

CONTROL MANAGEMENT CO.
312 Adelaide St. W., #825
Toronto, Ontario
M5V 1R2

Contact: Mr. Henrik Bechmann, Partner

Tel: (416) 593-0467
No. of employees: 2
Market Focus: Food Wholesalers/Retailers
Trade Names: N/A

Product Classifications (Cdn. Content %):
O002 (100%)

Software Classifications (Produced):
R001

Consulting Classifications:
X107 X004 X132

Other Information:
Specialize in accounting and computerized information system needs of food wholesalers, manufacturers and distributors.

BRUCE COOK AND ASSOCIATES
151 Carlingwood Drive, Unit 5
Rexdale, Ontario
M9W 5E7

Contact: Mr. Bruce Cook, President

Tel: (416) 674-1332
No. of employees: 1
Market Focus:
Trade Names: N/A/

Product Classifications (Cdn. Content %):
W012 (N/P)

Software Classifications (Embedded):
R001 T004 T023 T074 T095 T120

Consulting Classifications:
X107 X004 X023 X074 X095 X120

Other Information:
Specializes in software systems for business: accounting, order entry, inventory control, cost accounting, sales analysis, spread sheets, etc. Distributes microcomputers, printers, disk drives, tape drives, terminals, word processing equipment, disk packs and cartridges, magnetic tape media, computer supplies, and modems.

CORDEL CONSULTANTS LTD.
1 Yorkdale Road
Suite 410
Toronto, Ontario
M6A 3A1

Contact: Mr. Harold McCarthy

Tel: (416) 787-1747
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X028

Other Information:
Specializing in: Programming, Systems Analysis and Project Management Consulting Services.

CORMAN CUSTOM ELECTRONICS CORP.
38 Bridgeport Road East
Waterloo, Ontario
N2J 2J5

Contact: Mr. John Corman

Tel: (519) 884-4430

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
Manufactures an interface that merges key board and mouse into the same data stream.

CORUM COMPUTER SYSTEM
2300 Yonge Street
Suite 1202
Toronto, Ontario
M4P 1E4

Contact: Mr. Jim Bell, President

Tel: (416) 488-9305
No. of employees: 4
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X106

Other Information:
Management consultants in accounting and data processing. Designs systems and programming in a contract environment.

COSMIC MANAGEMENT SYSTEMS LTD.
270 Betty Ann Drive
Willowdale, Ontario
M2R 1A8

Contact: Mr. Colin Bardell, Consultant

Tel: (416) 221-6437
No. of employees: 7
Market Focus: Manufacturing systems, data communications/networking, online system design - spec. devt., digital, HP, IBM Equipment.
Trade Names: N/A

Consulting Classifications:
X106 X131

Other Information:
Provide management system studies - RFP's, computer systems, strategic plans etc. Software/hardware evaluation, processing systems (online/distributed), project planning, design specification/implementation, automated office, word processing, electronic mail.

COSMOS SYSTEMS LTD.
108 Surrey Ave.
Scarborough, Ontario
M1R 1H1

Contact: Mr. Fauzie Mohamed, President

Tel: (416) 759-5486
No. of employees: 5
Market Focus: Computer systems development, maintenance, support and related services.
Trade Names: Cosmos Systems Ltd., Cosmos Turnkey Systems

Consulting Classifications:
X106

Other Information:
Also offer project management, feasibility studies, hardware/software evaluation/selection and expertise in Data Base and On-Line systems.

COVINGTON COMPUTER SYSTEMS CORP.
970 Montee De Liesse
Suite 201
St. Laurent, Quebec
H4T 1W7

Contact: Mr. James C. Manning

Tel: (514) 337-0844

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
B005 (N/P) F001 (N/P) G001 (N/P)

Other Information:
Products:
Network systems of micros, drives, printers.

CRAWFORD & GREEN INC.
45 Larkfield Drive
North York
M3B 2H3

Contact: Mr. Douglas Woolner, General Manager

Tel: (416) 445-2479
No. of employees: 3
Market Focus: Development of micro computer based software
Trade Names: N/A

Software Classifications (Produced, endproduct):
T097

Consulting Classifications:
X046 X097 X105 X107

Other Information:
Expertise in developing micro based computer applications together with mainframe expertise in database management technologies and statistical analysis.

Proprietary software deals with commercial and residential property management.

PETER CRICHTON AND ASSOCIATES
1092 Fairbanks Place
Oakville, Ontario
L6H 2X1

Contact: Mr. Peter Crichton, President

Tel: (416) 842-2515
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X130

Other Information:
Consultants in the area of human resources (social services, health, housing and related fields), including - policy research and design, program evaluation and design, staff development and hiring, organizational development and project management.

CROSTHWAIT CONSULTING SERVICES
4141 Yonge Street
Suite 401F
Toronto, Ontario
M2P 2A8

Contact: Mr. Hugh C. Crosthwait, Manager

Tel: (416) 222-8127
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X047 X117

Other Information:
Specializing in: Management Information Requirements; Facilities Planning, Relocation Planning; Productivity and Service Improvement; and Operations Analysis.

CURRIE COOPERS & LYBRAND LTD.
24th Floor
145 King Street West
Toronto, Ontario
M5H 1J8

Contact: Mr. G.L. Eckhert, Manager - Project Management

Tel: (416) 366-1921
No. of employees: 200
Market Focus: Management Consulting and Systems Development
Trade Names: INFORMATION MANAGEMENT GROUP,STRATEGIC MANAGEMENT GROUP AND SINGER ASSOCIATES

Consulting Classifications:
X004

Other Information:
Consultant services in strategic planning, and systems and data processing. Analysis and design of business and management information systems for both operational and decision support purposes. Is expert in the selection and assessment of software packages and the construction of custom software to meet user needs.

CUSTOM MICRO SYSTEMS LTD.
16921-108 Street
Edmonton, Alberta
T5X 3B2

Contact: Mr. Dieter Fehlberg, President

Tel: (403) 456-0974
No. of employees: 2
Market Focus: Software development - high performance
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (97%)

Software Classifications (Distributed, endproduct):
S001 S010 T020 T032

Consulting Classifications:
X004 X032 X046 X067 X070 X102
X105 X107 X120 X132 Z001

Other Information:
Products include: - Apple II assembly language systems for high performance applications - Apple II educational programs (reading)
Cumsea (editor/assembler): - working with words 1-4, working with synonyms 1-3, working with synonyms 4-6, working with antonyms 1-3, working with antonyms 4-6, working with homonyms 1-3, working with nomonyms 4-6 (incomplete).
This is a freelance system house, utilizing own distributors in Canada, U.S. and U.K.

CYBERNEX LIMITED
1257 Algoma Road
Ottawa, Ontario
K1B 3W7

Contact: Mr. Bruce Douglas,Executive Vice-president

Tel: (613) 741-1540
No. of employees: 145
Market Focus: Manufacture of Digitizing Video terminals for aerial survey work
Trade Names: N/A

Product Classifications (Cdn. Content%):
B005 C005 H001

Other Information:
Manufactures

1) Video terminals (formating, entry level and synchronous).
2) Microcomputers (OEM systems and single board).
3) Custom manufactured microprocessor designs.
4) Computer Aided Learning Systems.
Has a marketing team which oversees distributors in Canada, Germany, Norway, Belgium, Holland, Denmark, Australia and the United States.
Mississauga branch office.

CYCARE SYSTEMS CANADA LTD.
2025 Sheppard Ave. East, Suite 2400
Willowdale, Ontario
M2J 1V6

Contact: Mr. Tom Ekers, General Manager

Tel: (416) 499-4100
No. of employees: 13
Market Focus: Health care computer services
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (59%) W004 (100%)

Software Classifications:
R001 R004 S007 S010 T047 T051
T076 T088

CYMBOL CYBERNETICS CORPORATION
1600 Laperriere Avenue
Ottawa, Ontario
K1Z 8P5

Contact: Mr. John Davies, Director, Consulting & Custom Products

Tel: (613) 725-0296
No. of employees: 20
Market Focus: Computer Aided Design (CAD) workstations and software for architecture/engineering/construction industry and for electronics manufacturers.
Trade Names: CYMBOL C80 Series CAD Workstation; CYMBOL 810 Display Memory; CYMBOL W-DLT Data Line Tester (Digital Test Equipment)

Product Classifications (Cdn. Content %):
C002 (75%) W012 (100%)

Software Classifications (Produced, embedded):
T019 T102

Consulting Classifications:
X004 X019 X044 X046 X068 X074
X085 X093 X094 X095 X102 X107
X120

Other Information:
CAD/CAM PRODUCTS DIVISION - markets and supports a turnkey, stand-alone CAD workstation (developed in conjunction with Cybernex Ltd.) Provides high performance, user-friendly, two and three dimensional graphic applications. Packages for architects and electrical, mechanical and structural engineers.
CONSULTING AND CUSTOMER PRODUCTS DIVISION - business, management and systems consulting, development of state-of-the-art technology (software or hardware). Offers Supervisory Control and Data Acquisition (SCADA) systems, including graphic displays. Also consulting related to the advancement from CAD to CAM. Customization of CYMBOL's CAD/CAM products.
PRODUCT DEVELOPMENT TOOLS DIVISION - manufactures and markets electronic development tools which assist in computer manufacturing. The model 810 Display Memory provides 8 channel logic analyser capabilities when used with any general purpose oscilloscope.

D & S PETROLEUM CONSULTING GROUP LTD.
200, 1035-7th Avenue S.W.
Calgary, Alberta
T2P 3E9

Contact: Mr. O.P. Marudiak, Director, Corporate Development

Tel: (403) 264-9380
No. of employees: 100
Market Focus: Computer Software Development
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 T044 T046 T070 T080 T102 T105

Consulting Classifications:
X070 X080 X102 X105 X107

Other Information:
Consulting Firm, Software Supplier, Software Designer and Developer, and Computer Services Company.

Consulting Services and Technical Software Products and Services for the Petroleum Industry: Reservoir Engineering, Reservoir Simulation, Petrophysics, Geology, Economic Evaluation, Production and Revenue Accounting, and Producting History Display.

Proprietary Software Products: Economic Reporting of Gas and Oil Properties (ERGO), FAST Reservoir Evaluation System (FAST), LOG/MATE PLUS LOG ANALYSIS, and Petrophysical Evaluation Program (PEP PLUS).

D.E. SYSTEMS LTD.
1284 Wellington Street
Ottawa, Ontario
K1Y 3A9

Contact: Mr. Bruno A. Dugas

Tel: (613) 729-5164

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W014 (N/P) W016 (N/P)

Software Classifications:
R001 T004 T039 T044 T046 T066 T085 T120

Other Information:
Specializes in Inventory/Point of Sale systems for Automotive, Motorcycle, Snowmobile, and Tire Stores. Messenger Service System for Couriers to automate billing, payroll, and sales analysis. Also have Payroll Systems.

D G W ELECTRONICS CORPORATION
105 Brisbane Road
Downsview, Ontario
M3J 2K6

Contact: Mr. Bruce G. Sylvester,
Comptroller

Tel: (416) 663-5680
No. of employees: 55
Market Focus: Industrial electonics & telecommunications
Trade Names: Semad, Weber, Compar Connectors

Product Classifications (Cdn. Content %):
W004 (10%) W006 (10%)

Other Information:
Manufacture printed circuit board and rack and panel COMPAR Connectors. Distribute SEMAD semi-conductors, components and data products. Clients are in the high technology industry.

DMR AND ASSOCIATES
252 Adelaide Street East
Toronto, Ontario
M5A 1N1

Contact: Ms. Pat McLagan, Principal

Tel: (416) 363-8661
No. of employees: 500
Market Focus: Information Management Consulting
Trade Names: DMR and Associates

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X050 X051 X054 X066 X067
X074 X076 X081 X085 X088 X091
X093 X094 X095 X096 X097 X100
X107 X111 X117 X120 X132 Z001

Other Information:
Specialize in Executive Education, Strategic Planning, Management Consulting, Systems Development and Technical Consulting, in areas of Large Systems, Small Business Systems, Office Systems, and Datacommunications and Networking.

DPA Consulting
Suite 903
347 Bay Street
Toronto, Ontario
M5H 2R7

Contact: Mr. Ron Compton, Manager

Tel: (416) 368-4858
No. of employees: 60
Market Focus: Economic and Management Consulting
Trade Names:

Consulting Classifications:
X047 X070 X132

Other Information:
Specialization:
Economics: economic and social analysis; socio-economic impact studies; benefit-cost analysis; economic simulation modelling; program development; and program and project evaluation.
Management: general management; organizational development; marketing; and management information systems.

DSG DECISION SUPPORT GROUP INC.
80 Bloor Street W.
Suite 1402
Toronto, Ontario
M5S 2V1

Contact: Mr. Igal Holtzer, Director of Marketing

Tel: (416) 960-1219
No. of employees: 8
Market Focus: Systems Development and Consulting
Trade Names:

Software Classifications:
T004 T070 T107

Consulting Classifications:
X070 X132

Other Information:

DSS DECISION SUPPORT SYSTEMS LTD.
301 Kingsway Garden Mall
Edmonton, Alta.,
T5G 3A6

Contact: Mr. John Willson, President

Tel: (403) 471-5471
No. of employees:
Market Focus: Personal Computer Software
Trade Names: HANDI-HOUSE CAI

Software Classifications:
R001 R004 T004 T006 T020 T032
T044 T045 T046 T066 T067 T070
T074 T076 T080 T088 T102 T105
T117 T132

Consulting Classifications:
X004 X006 X019 X032 X044 X045
X046 X066 X067 X070 X074 X076
X080 X088 X105 X107 X117 X120
X132 Z001

Other Information:
Specialize in personal computers for the handicapped.

Ontario office at 1076 Lawrence Ave. E., Don Mills.

DALBURG PERIPHERALS LTD.
1050 Baxter Road
Ottawa, Ontario
K2C 3P1

Contact: Mr. Frank C. Venderburg, Vice President

Tel: (613) 596-5830
No. of employees: 5
Market Focus: Distribution of computer peripherals in Eastern Ontario
Trade Names: DALBURG

Product Classifications (Cdn. Content %):
W004 (40%) W007 (100%) W011 (50%)
W014 (100%)

Other Information:
Specialize in interfacing of high-speed band printers, dot-matrix printers and video terminals to various mini and mainframe computers.

DALSA INC.
415 Philip St.
Waterloo, Ontario
N2L 3X2

Contact: Mr. H. Broughton, General Manager

Tel: (519) 886-6248
No. of employees: 3
Market Focus: Semiconductor devices & circuit design
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
T102

Consulting Classifications:
X102

Other Information:
Specialize in semiconductor device and electronic circuit simulation.

Products include BIPOLE (bipolar transistor characterization package), and WATMOS (3 dimensional VLSI MOSFET CAD/optimization package.

DANDCO ENTERPRISES LIMITED
1107 North Service Road East
Oakville, Ontario
L6H 1A6

Contact: Mr. Stephen Dodd, Vice-President

Tel: (416) 842-2445
No. of employees: 15
Market Focus:
Insurance/retail/professional
Trade Names: INFORMATION PROCESSING SERVICES, INSURANCE PROCESSING SERVICES, INVENTORY PROCESSING SERVICES

Product Classifications (Cdn. Content %):
W002 (50%) W012 (100%) W014 (N/P)
W015 (N/P) O002 (100%)

Software Classifications:
S010 T004 T009 T037 T054 T066
T074 T076 T085 T094 T095 T096
T120

Consulting Classifications:
X004 X009 X037 X054 X066 X074
X076 X085 X094 X095 X096 X107
X120

Other Information:
Specialize in programs for Insurance (complete on-line data base plus reporting - general - companies, agents and brokers), Inventory (retail inventory management with complete point of sale data capture from numerous terminals), Financial (total financial reporting systems including Time Accounting, Cash Management and Payroll).
Distributes microcomputers and facsimiles.

DASCO DATA PRODUCTS
421 Carlingview Drive
Rexdale, Ontario
M9W 5G7

Contact: Mr. Paul Levin

Tel: (416) 675-7222

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
L007 (N/P) M001 (N/P) W007 (N/P)

Other Information:

DATA IMAGES INC.
1283 Algoma Road
Ottawa, Ontario
K1B 3W7

Contact: Mr. William R. Ratcliffe,President

Tel: (613) 744-3773
No. of employees: N/A
Market Focus: Liquid Crystal Displays
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P) C005 (N/P) H001 (N/P)

Other Information:
Manufactures complete line of standard liquid crystal display units specializing in design, development and manufacture of high performance displays for military and custom applications.

Company is a fully integrated production, testing and research facility providing the assistance and control necessary to support the range of services offered to industry.

DATA KINETICS LTD.
777 Warden Avenue
Toronto, Ontario

Contact: Mr. Doug Lawrence, Branch Manager

Tel: (416) 751-6020
No. of employees: 50
Market Focus: Computer Software, Education Consulting
Trade Names: TABLEBASE, SIM3278

Software Classifications:
S010

Consulting Classifications:
X009 X044 X046 X054 X107 X117

Other Information:

DATA LABS LIMITED
420 Esna Park, Unit 13
Markham, Ontario
L3R 3K2

Contact: Mr. S. Verscay, President

Tel: (416) 495-7279
No. of employees: 3
Market Focus: Digital Equipment Co. Products and DEC Software Development
Trade Names:

Software Classifications:
T004 T085 T120

Consulting Classifications:
X070 X080 X132

Other Information:
Develops Commerical Applications Software for Digital Equipment Corporation computers.
Software Products: AGL01 - General Ledger Accounting System; AAR01 - Accounts Receivable System; SDB01 - Data Base Management System; ARG01 - Report Generator; and AED01 - File Editor and Word Processing System.

DATA LOGIC CANADA
45 St. Clair Avenue West
11th Floor
Toronto, Ontario
M4V 1K9

Contact: Mr. B.R. McKee

Tel: (416) 964-7773
No. of employees: 120
Market Focus: Systems and EDP Consulting
Trade Names:

Other Information:

Proprietary software product - Mark IV.
Systems and EDP consulting on
1) Policy/strategic planning;
2) Development/implementation of standards and guidelines;
3) Feasibility studies and evaluation;
4) Organization, methods analysis and evaluation;
5) Tender preparation and analysis;
6) Small, medium and large systems development and implementation;
7) Audit, security, control and confidentiality.
Branch offices: Ottawa, Halifax and Edmonton.

DATA METHODS ASSOCIATES LTD.
16 Lesmill Road
Don Mills, Ontario
M3B 2T5

Contact: Mr. Nattan Fichman, President

Tel: (416) 447-5670
No. of employees: 7 - 15
Market Focus: Information Systems Development
Trade Names: Data Methods Inc.

Software Classifications:

S001 S010 T037 T044 T045 T046
T047 T050 T051 T070 T076 T088
T094 T105 T132

Consulting Classifications:

X004 X037 X039 X044 X045 X046
X047 X050 X051 X066 X070 X074
X076 X080 X085 X088 X094 X095
X100 X105 X107 X117 X120 X132

Other Information:

Develops, markets, and applies advanced technology-based systems development aids for planning, design, development and implementation of interactive Information Systems used for planning, control and operations of large organizations.

Also develops special-purpose programming languages on a CUSTOMIZED DEVELOPMENT basis, for information analysis.

DATA RIBBON LIMITED
130 Slater ST.
Ottawa, Ontario
K1P 6E2

Contact: Mr. Michael Moss, General Manager

Tel: (613) 232-5728
No. of employees: 17
Market Focus: Distributors and users of data processing equipment
Trade Names: Data Ribbon Limited, Scriprite

Product Classifications (Cdn. Content %):
L000 (99%) M001 (99%) W007 (99%) W008 (10%)

Other Information:
Manufactures ribbons for use on data processing and word processing printers.

DATA-TEL SERVICES INC.
48 Sheppard Ave. West
Willowdale, Ontario
M2N 1M2

Contact: Mr. Alex Smith, President

Tel: (416) 222-1489
No. of employees: 3
Market Focus: Vendors & end users
Trade Names: Data-tel Inc.

Product Classifications (Cdn. Content %):
L000 (80-100%)

Consulting Classifications:
X102

Other Information:
Specializes in communications wiring (Data & Voice systems) - manufacturing, sales and installation; consultation as to wiring needs and facility design (inhouse cabling).

DATALINE INC.
67 Richmond Street West, Suite 700
Toronto, Ontario
M5H 1Z4

Contact: Mr. Ron D. Wyvill, Branch Manager

Tel: (416) 365-1616
No. of employees: 160
Market Focus: Developing new technologies combining hardware and software.
Trade Names: DATASHOP, CANQUOTE, DATALINE, CANDAT

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T009 T016 T023 T037 T044
T046 T067 T070 T074 T080 T081
T085 T091 T094 T095 T096 T097
T105 T117 T120 T132

Consulting Classifications:
X004 X006 X009 X016 X095 X023
X037 X044 X046 X067 X070 X074
X080 X081 X085 X091 X095 X096
X097 X105 X107 X117 X120 X132

Other Information:
1) On-Line Services - 24-hour access via communications network to 6 DEC System 10, 2 DEC VAX and 2 IBM 4300 series computers. Experienced in 32-bit computer technology. 2) Software Development - consulting, analyzing and programming capabilities in systems design, development, and installation. 3) Facilities Management - customer leased or owned equipment maintained by Dataline. 4) Microcomputers - development of specific application software for micros, allows user to make use of Dataline's extensive communications network and its large mainframe computers. Is a Value Adder Dealer for the IBM Personal Computer. Offers PCQUOTE-allows IBM Personal Computer to access the Canquote International Stock Market Quotation System. 5) Standard Software Products - wide range of products and appropriate training course documentation. Ottawa, Montreal and Vancouver branch offices.

DATAMEX LTD.
14 Leswyn Road
Toronto, Ontario
M6A 1K2

Contact: Mr. Dan Haruni, President

Tel: (416) 781-9135
No. of employees: 50 (Canada)
Market Focus: Distributor of computer peripherals
Trade Names: DATAMEX LTD.

Product Classifications (Cdn. Content %):
W004 (35%) W005 (35%) W008 (100%)
W010 (35%) W011 (35%) W012 (50%)
W014 (35%) W016 (35%)

Software Classifications:
R001 S001 S010 T004 T085 T120

Other Information:
Markets and services a variety of state-of-the-art peripherals and micro computers. Provides sales, service and customization work.

DATAPOINT CANADA INC.
4881 Yonge Street, Suite 700
Willowdale, Ontario
M2N 5X3

Contact: Mr. M.S. McLagan, President

Tel: (416) 222-8005
No. of employees: 260
Market Focus: Office Automation & Distributed Data Processing (DDP)
Trade Names: ARCNET, DATASHARE, DATABUS, DATAFORM, DATAPOLL

Product Classifications (Cdn. Content %):
B003 (60%) B005 (65%) C002 (50%)
F002 (70%) G001 (100%) G002 (60%)
G003 (60%) H001 (60%) I000 (60%)
J001 (65%) L000 (65%) O003 (70%)
W002 (60%) W004 (65%) W005 (65%)
W006 (75%) W008 (65%) W011 (70%)
W012 (100%) W013 (60%) W014 (60%)
W015 (65%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T016 T020 T023 T037 T039
T044 T046 T047 T066 T067 T070
T074 T080 T081 T085 T091 T095
T102 T105 T117 T120 T132

Consulting Classifications:
X066 X107 X120 Z001

Other Information:
Specializes in dispersed data processing and office automation systems, based on application of local area networking and communications with other manufacturers' equipment. Have easy to use development aids plus industry specific applications, used in government, financial and natural resource markets, as well as multiple users in retail and distribution market. Recently developed office automation package geared to the legal profession.

DATAPULSE CORPORATION (1977) LIMITED
155 Gordon Baker Road
Suite 206
Willowdale, Ontario
M2H 3N5

Contact: Mr. A. R. Linton, Vice-president, Marketing

Tel: (416) 498-9565
No. of employees: N/A
Market Focus: Computerized Telephone Management Systems
Trade Names: N/A

Software Classifications:
S007

Other Information:
Manufactures and distributes computerized telephone management systems, designed to serve as management information support systems for the computerized PBX electronic key system markets. Systems are compatible with telephone exchange products such as SL-1, GT8, Mitel, Plessey, Siemens, Rolm and Focus.
Products
1) DART (Dialed Activity Reporting Terminal) - provides cost management detail reports on telephone usage for computerized PBX's and electronic key systems - capacity 21-200 inputs.
2) Voyageur - microcomputer-based telephone management reporting system giving summary and detail reports usage, electronic directory and message service - capacity 100-800 inputs.
3) Telaccount II - telephone management report service for large CPBX's with tandem dial networks - capacity 250-5000 inputs.
Toronto, Montreal, Vancouver and Atlanta branch offices.

DATAQUEST CORPORATION
Suite 4650
P.O. Box 77
TD Centre
Toronto, Ontario
M5K 1E7

Contact: Mr. R. Bush, Director and General Manager

Tel: (416) 868-1675
No. of employees: 4
Market Focus: Financial Systems
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X054 X107 X132

Other Information:
Developed an Accounting package (accounts receivables, payables, general ledger, etc.) for DEC environment.
Specializing in: Insurance policy maintenance, claims and pensions systems.

DATASOFT DYNAMICS CORP. LTD.
20 Stratheden Ave.
Toronto, Ontario
M4N 1E3

Contact: Mr. Douglas Campbell, Chief Executive Officer

Tel: (416) 977-5859
No. of employees: 5
Market Focus: Owner/Managers of small companies, middle management, and users of small systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
W008 (?) W012 (?)

Software Classifications (Distributed, produced, endproduct):
R001

Consulting Classifications:
X004 T070 T074 T085 T095 T105
T107 T120 T132

Other Information:
Specialize in consulting, systems analysis and implementation of computerized MIS for small owner-operated companies. Also in the design or semi-customization of application programs to solve specific business problems. Planning to open a retail store in the near future, to distribute software and books/magazines to target market.

DATATECH SYSTEMS LTD.
DataTech Center, 1095 McKenzie Ave.
Victoria, B.C.
V8P 2L5

Contact: Mr. Jim K. Hendry, Director, Planning

Tel: (604) 479-7117
No. of employees: 250+
Market Focus: Computer products & services (full spectrum). Direct & third-party maintenance
Trade Names: DataTech Products

Product Classifications (Cdn. Content %):
W002 (60%) W005 (90%) W006 (50%)
W008 (80%) W011 (50%) W012 (100%)
W013 (50%) W014 (90%) W015 (50%)
O002 (100%)

Software Classifications (Distributed, produced, endproduct):
S001 S007 S010 T004 T020 T023
T037 T045 T046 T054 T070 T074
T085 T095 T097 T105 T117 T120
T132

Consulting Classifications:
X004 X023 X046 X054 X070 X074
X085 X095 X097 X105 X117 X120
X132

Other Information:
Specialize in direct and third-party maintenance of computer systems and peripherals, representing products from over 50 manufacturers. DataTech's Field Engineering Division is the largest third-party maintenance organization in the Canadian computer industry.

Manufactures real-time applications software for micro and minicomputers, and is a turnkey supplier of end user systems for Honeywell, Vector Graphics, and Eagle computers. Provides data processing, consultation, application education, systems design, custom programming, engineering, maintenance and continuing hard/software support. Also provides high-technology training programs in computer systems, maintenance, and engineering.
Toronto, Kitchener and Hamilton branch offices.

DATATECH SYSTEMS LTD.
Suite 305
365 Evans Ave.
Toronto, Ontario
M8Z 1K2

Contact: Mr. Steve Glover, Marketing Representative

Tel: (416) 255-7791
No. of employees: 250
Market Focus: Sales and maintenance
Trade Names:

Product Classifications (Cdn. Content %):
Z002 (N/P)

Other Information:
Specialize in third party field engineering services specializing in Honeywell Level 6 and Digital Equipment minicomputers. Depot and on-site service agreements are available for a wide variety of peripheral equipment including CDC disk drives, Centronics, Data Products, and Printronix printers, NEC, Diablo and Qume letter quality printers, Volker Craig (Nabu), Televideo, Hazeltine, DEC, and Soroc Video display terminals. Time and materials service is also available.

DATEK INDUSTRIES LIMITED
#2050-300 - 5th Ave. S.W.
Calgary, Alberta
T2P 3C4

Contact: Mr. Ronald Derynck, Marketing Manager

Tel: (403) 262-1417
No. of employees: 35
Market Focus: Industrial controls & measurements
Trade Names: Model 800 RTU, IMS-80, DMS-8000

Product Classifications (Cdn. Content %):
C005 (95%) B008 (95%) D014 (95%)

Software Classifications:
R004 T016 T080 T093 T117

Consulting Classifications:
X016 X080 X094 X107 X117

Other Information:
Specialize in design, manufacture and software development of microcomputer-based data acquisition, remote control, and product measurement systems for petroleum companies, utilities, pipelines, transportation companies and government agencies. Equipment includes stand-alone microcomputers and complete telemetry systems communicating via radio, twisted pair or telephone links.

Ontario market is presently served from the Calgary office.

DAVID COMPUTERS INC.
133 Manitou Drive
Kitchener, Ontario
N2C 1L4

Contact: Mr. Maurice Boughton

Tel: (5d19) 893-2700
No. of employees: 40
Market Focus:
Trade Names:

Products Classifications (Cdn. Content %):
B005 (N/P)

Other Information:
Products include: 16 bit capacity; Motorola 68000 microprocessor; software patterned after UNIX; programming language C or Pascal.

DAY SPECIALTIES COMPANY LIMITED
125 Albert Street
Midland, Ontario
L4R 4L3

Contact: Mr. Brian Marchand, Sales Manager

Tel: (705) 526-3771
No. of employees: 10
Market Focus: O.E.M. Manufacturers of computers etc.
Trade Names: Daysco

Product Classifications (Cdn. Content %):
C005 (90%) L000 (90%)

Other Information:
Specialize in membrane touch control switches and plastic graphic overlays.

DE KONING SOFTWARE ASSOCIATES INC.
134 Wells St.
Toronto, Ontario
M5R 1P4

Contact: Mr. Gerard De Koning, President

Tel: (416) 665-8620
No. of employees: 3
Market Focus: Mini/micro computer mfgrs/oems/large users
Trade Names: N/A

Product Classifications (Cdn. Content %):
W008 (40%) W012 (95%) W016 (60%)
O002 (100%)

Software Classifications:
R004 S007 S010

Consulting Classifications:
X068 X093 X102 X105 X107 X117
X120 X132

PEGGY DEAN & ASSOCIATES
151 Bloor St. W.
Suite 320
Toronto, Ontario
M5S 1S4

Contact: Ms. Peggy Dean, President

Tel: (416) 964-9544
No. of employees: 30
Market Focus: Personnel Consultants
Trade Names: DEAN AND ASSOCIATES, PEGGY DEAN TEMPORARIES LTD.

Consulting Classifications:
X004 X032 X070 X117

Other Information:
Supplies Term Programmers (I.B.M.,HEWLETT-PACKARD).

DEBRONE & ASSOCIATES
65 The East Mall, Suite 104
Toronto, Ontario
M8W 3Z5

Contact: Mr. Paul J. Debrone, Owner

Tel: (416) 259-3379
No. of employees: 5
Market Focus: Computer Sales (small to medium business)
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W007 (N/P) W011 (N/P) W012 (N/P)
W014 (N/P) W016 (N/P)

Software Classifications:
R001 T004 T047 T054 T064 T066
T074 T076 T085 T093 T094 T095
T120

Consulting Classifications:
X004 X047 X054 X064 X066 X074
X076 X085 X093 X094 X095 X107
X120

Other Information:
Distributes minicomputers, microcomputers, graphics systems, plotters, microprocessor controlled equipment, word processing equipment, disk packs and cartridges, flexible disks, storage equipment and modems.

DECISION DYNAMICS CORPORATION
491 Eglinton Avenue West
Suite 403
Toronto, Ontario
M5N 1A8

Contact: Mr. John Vanderheyden, Principal

Tel: (416) 485-5567
No. of employees: 11
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X032 X047 X132

Other Information:
Products: Feds: Eval. gun control legis.
Alta: Public land info system
Caats: Objectives
Med: Crown Agency Mkt. Ed. Ser.

DECLAN GROUP OF COMPANIES
55 University Avenue
Suite 1500
Toronto, Ontario
M5J 2H7

Contact: Mr. G. Michael Klups

Tel: (416) 364-0154
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004 T102

Other Information:

DEES COMMUNICATIONS ENGINEERING LTD.
6475C 64th St.
R.R. #5
Delta, British Columbia
V4K 4E2

Contact: Mr. D. S. Simkins, President

Tel: (604) 946-8433

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
O000 (N/P) P002 (N/P)

Other Information:
Serves telephone operating companies with specialized modules for central office and equipment installed on the clients' premises. Also provides interface units between other proprietary equipment.

Products: 1) Control System - microprocessor-based, with other fluidic sensors, for controlled salt/sanding operation on specialized highway trucks. 2) Telephone Central Office function equipment - customized pulse correctors, time delays, howlers, and coin counters. 3) Plant equipment installed on clients' premises - line relays, intercoms, programmable and non-programmable electronic ringers, call counters, ring and answer detectors, common ringer circuits, remote off premises control of key sets, lamp extenders, universal paging adapters, etc. 4) Portable rotary dial testers for I&R field use.

Teltone Corp. (Washington) is distributor for Dees. Dees does some design and manufacture for U.S. market.

DELTA BETA CAREER DEVELOPMENT SYSTEMS INC.
201 - 1656 Martin Drive
White Rock, B.C.
V4A 6E7

Contact: Mr. George Walsh, Manager, Research and Operations

Tel: (604) 531-5131
No. of employees: 10
Market Focus: A) Psychological test services for guidance and achievement in education; for career planning for the individual; for management evaluation for the employer
B) Educational Administration Systems
Trade Names: "V-PIC" (Vocational Preference Indicator)
"PX3" (Preference, Potential, Personality)
"CDI" (Career Development for the Individual)

Product Classifications (Cdn. Content %):
W002 (35%) W005 (35%) W012 (100%)

Software Classifications (Distributed, produced, embedded):
R001 S001 S007 T004 T020 T032
T046 T074 T085 T095 T120

Consulting Classifications:
X004 X046 X074 X085 X095

Other Information:
Develops, researches and markets own vocational guidance and personnel evaluation systems which are available through the Westinghouse 201 high-speed OMR scanner (the only one in Canada), or conversationally on a 16 bit 10 MB Televideo micro-computer system.

Also offers a complete real-time software system for school board accounting, including specific teacher payrolls and full commitment accounting services.

A full Canadian achievement testing program which will automatically monitor individual growth from year to year, is scheduled for release in 1984.

DELTA-SIGMA SYSTEMS LTD.
505 Consumers Rd., Suite 308
Willowdale, Ontario
M2J 4V8

Contact: Mr. Demetrius Stavrinos, President

Tel: (416) 444-3115
No. of employees: 5
Market Focus: Low cost office systems and custom turnkey systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (54%) W004 (98%) W005 (60%)
W007 (99%) W014 (98%) W015 (66%)

Software Classifications (Produced, embedded):
R001 R004 T004 T009 T019 T037
T046 T054 T068 T074 T085 T094
T095 T120

Consulting Classifications:
X107 X120 X019 X068 X094 X046
X009 X037 X054

Other Information:
Specialize in automobile dealership systems, local area networking of microcomputers., mainframe (micro communications software), and low cost office automation using existing IBM Selectric typewriters and desk top micros. Distributes terminals, controllers, and storage equipment.

DEMAND RESEARCH CONSULTANTS INC.
325 Dalhousie Street
Suite 999
Ottawa, Ontario
K1N 7G2

Contact: Mr. Owen Charlebois, Senior Consultant

Tel: (613) 235-1468
No. of employees: 7
Market Focus: Research and management services
Trade Names:

Consulting Classifications:
X070 X074 X117

Other Information:
Research Services offered: market feasibility analysis - new product development - long and short term demand forecasting - attitude studies - user need analysis - motivation research and depth interviewing

Management Services offered: market segmentation analysis - marketing planning - marketing audit - advertising management appraisal - direct mail planning and organization - direct marketing systems.

DESCARTES SYSTEMS GROUP INC.
1770 King Street East
Kitchener, Ontario
N2G 2P1

Contact: Mr. James E. Reid, Vice-President

Tel: (519) 742-1081
No. of employees: 9
Market Focus:
Trade Names: DESCARTES-RAM

Product Classifications (Cdn. Content %):
W002 (80%) W004 (30%) W005 (30%)
W006 (30%) W008 (40%) W011 (N/P)
W012 (100%) W014 (30%) W015 (30%)

Software Classifications (Produced, endproduct, embedded):
S010 T004 T037 T066 T076 T081
T085 T094 T095 T100 T111 T120
T132

Other Information:
Specializes in - High Volume, Heavy Transaction Processing; On Line, Real Time, Interactive; Manufacturing Systems; Order Processing; Client Accounting; Medical Billing; Property Management, Accounting Systems; Advanced Development Utilities.

DIALETIC COMPUTER SERVICES LTD.
850 A Alness Street
Suite #2
Toronto, Ontario
M3J 2H5

Contact: Mr. Wolfgang Dall, President

Tel: (416) 663-4940
No. of employees:
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X004 X107

Other Information:
Specializing in: Fund Raising; Mailing Labels; Receipting; and Donor/Sponser Systems.

DIAMCO
320-19th Street S.E.
Calgary, Alberta
T2E 6J6

Contact: Mr. Trevor Thain, Vice-president

Tel: (403) 272-9000
No. of employees:
Market Focus: Distribution/Retail
Trade Names:

Product Classifications (Cdn. Content %):
W007

Other Information:
Distributor of TRAY BIEN filing trays.

DIAXIS COMPUTER GROUP LTD.
74 Cotton Drive
Port Credit, Ontario
L5G 1Z9

Contact: Mr. M. Newton, Princpal Consultant

Tel: (416) 274-6732
No. of employees: 1
Market Focus: Management Consulting
Trade Names:

Consulting Classifications:
X107 X132

Other Information:
Specializing in: Financial Modelling; Microprocessor Applications; Database; Structured Applications Development; Feasibility Studies; and Cost Benefit Analysis

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DICTOGRAPH MARKETING COMPANY
89 Glencameron Road
Thornhill, Ontario
L3T 1N8

Contact: Mr. Martin Gold,President

Tel: (416) 881-6701
No. of employees: 30
Market Focus: N/A
Trade Names: N/A

Manufactured Products (Cdn. Content %):
O003

Other Information:
Produces
1) The Phone Controller - an automatic dialler with toll restriction, automatic timer, rapid re-dialler, can store up to 30 numbers.

2) The Add-on-Dialler.

3) Just-a-Dialler - automatic dialler.

DIDAK ENGINEERING LTD.
19th Floor, 20 Eglinton Avenue W.
Toronto, Ontario
M4R 2E5

Contact: Ms. Judy Dimitriu

Tel: (416) 483-9563
No. of employees:
Market Focus: Engineering Consultant
Trade Names:

Consulting Classifications:
X080 X102

Other Information:
Specializing in: Energy; Renewable Resources; and UREA Formaldehyde.

DIFFRACTO LIMITED
6360 Hawthorne Drive
Windsor, Ontario
N8T 1J9

Contact: Mr. Tim Pryor, President

Tel: (519) 945-6373
No. of employees: 100
Market Focus: Machine vision for inspection and robot guidance
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Specializes in machine vision for inspection and robot guidance, with over 1000 camera units installed in-line on a turnkey basis. Customers include the automobile and other major industries, and a number of Canadian and U.S. government agencies.

Active in advanced sensor based robotic development, particularly inspection robots and vision guided material handling robot control systems.

Over 96% of production is exported via a subsidiary in Detroit and affiliated companies in Germany and Japan.

DIGIMICRO INC.
1555 Sheffer
Chambly, Quebec
J3L 4C9

Contact: Mr. Gilles Allard, President

Tel: (514) 658-9480
No. of employees: 5
Market Focus: Process control, Instrumentation
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (50%) B008 (80%)

Software Classifications:
R004 T068 T080 T093 T117

Consulting Classifications:
X068 X093 X107

Other Information:
Areas of specialization:
Consulting - microelectronics, telecommunications, process control, instrumentation.
Development - 1) Hardware (data acquisition systems, process controllers, microcomputers, general electronic design),
2) Software (real-time systems, process control, communications).

DIGITAL MANAGEMENT GROUP LTD.
4800 Yonge Street
Willowdale, Ontario
M2N 6G5

Contact: Mr. Kenneth W. Allsopp, Director of Marketing

Tel: (416) 225-7788
No. of employees: 14
Market Focus: Consulting and Systems Development
Trade Names: DMG/NET, WORD-II, DIGICALC, USER-II

Software Classifications:
T120

Consulting Classifications:
X107 X120

Other Information:
Specializing in: Software and Consulting for DEC PDP/II Systems with RSTS/E operating systems and VAX/NMS Systems. Proprietary Software Products: DMG/NET - Networking Software; WORD-II - Word Processing Software; DIGICALC - Spreadsheet Modelling; and USER-II - DBMS/Software Development Tool.

DIGITAL RESOURCE SYSTEMS LTD.
5489 Clipper Drive
Nanaimo, B.C.
V9S 5N7

Contact: Mr. Daniel Lemkow, Partner

Tel: (604) 758-2691
No. of employees: 5
Market Focus: Software development for the Natural Resource Industries
Trade Names: N/A

Software Classifications (Produced, endproduct):
S010 T019 T006 T080

Consulting Classifications:
X006 X080 X107 X109

Other Information:
Specialize in development of software products for the Natural Resource Industries (principally Forestry). Software is micro computer based and uses the UCSD p-system. Proprietary Software includes: ROAD ENGINEERING, SILVICULTURAL RECORD KEEPING, HARVEST PLANNING, LOG PRODUCTION ACCOUNTING, CRUISE COMPILATION, DRAFTING UTILITIES, SKYLINE ANALYSIS, DIGITAL TERRAIN MODEL.

DIPIX SYSTEMS LTD.
120 Colonade Rd.
Nepean,Ontario
K2E 7J5

Contact: Mr. T.F. Potts, Senior Vice-president

Tel: (613) 224-5175
No. of employees:
Market Focus: The ARIES range of Digital Image Analysis Systems
Trade Names:

Product Classifications (Cdn. Content %):
C002 (N/P) C005 (N/P)

Software Classifications:
T022

Other Information:
Manufactures the ARIES range of Digital Image Analysis Systems, now installed in over 14 countries world wide. ARIES is used primarily for processing images from remote sensing satellite and aircraft. It is also used in medical image processing, and other areas of digital image processing, i.e., image analysis, data compression and image enhancement.

ARIES is designed for analysis, display and processing of many types of images and is available as a family of Digital Image Analysis Systems compatable upward from a basic stand alone system to a multi-workstation configuration with array processors and a host control processor. The same application software package operates all configurations.

The system is sold as a complete turnkey package including the workstation, host computer, peripherals, installation, software, training and maintenance support.

Map analysis is provided on a service bureau basis.

DOGWOOD SOFTWARE INC.
304-560 Johnson St.
Victoria, B.C.
V8W 3C6

Contact: Mr. Chuck Camroux, President

Tel: (604) 384-3134
No. of employees: 4
Market Focus: Software for specialized business markets
Trade Names: Dogwood Software Inc./D.S.I./Camroux Broadcast Systems

Software Classifications (Distributed, produced, endproduct, embedded):
T004 T023 T037 T067 T074 T085
T091 T096

Consulting Classifications:
X004 X023 X037 X067 X074 X085
X091 X096

Other Information:
Specializes in radio and TV management, scheduling and accounting systems. Develops and markets systems to other vertical industries, such as real estate, construction and libraries.

DOHERTY SOCIAL PLANNING CONSULTANTS LTD.
22 Newhaven Drive
Toronto, Ontario
M5N 1H7

Contact: Ms. Gillian Doherty, President

Tel: (416) 486-8129
No. of employees: 2
Market Focus: Social Services and Health Fields
Trade Names:

Consulting Classifications:
X047

Other Information:
Specializing in the social services and health fields, services include: Program/Management reviews; Agency role studies; Organizational development; Community needs assessment; Socio-economic impact studies; Policy development; and Environmental planning.

DOMICITY LTD.
569 King St. E.
Toronto, Ontario
M5A 1M5

Contact: Mr. Paul Reuber,President

Tel: (416) 366-2901
No. of employees:
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X120 X132

Other Information:
Specializing in: Organization Analysis; Second Opinion Service; Records Management; Office Design and Layout; and Word Processing Feasibility.

DOMUS SOFTWARE LIMITED
251 Cooper Street
Ottawa, Ontario
K2P 0G2

Contact: Mr. Richard Moxley, President

Tel: (613) 230-6285
No. of employees: 26
Market Focus: Microprocessors Software Consulting
Trade Names: WPM, CCM, TIM

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W011 (N/P)
W013 (N/P) W014 (N/P) W015 (N/P)
O002 (100%)

Software Classifications (Distributed, Produced):
R001 R004 S010 T004 T066 T067
T074 T085 T095 T096 T120 T132

Other Information:
Specializes in computing consulting - Functional specifications, Cost/Benefit, User Requirements, Systems Implementation and Software Product Development.

Third party distributor of digital communications equipment and IBM PCs.

DONAGA ELECTRONICS LTD.
1058A Albion Rd.
Suite 209
Rexdale, Ontario
M9V 1A7

Contact: G. Vasilca

Tel: (416) 741-8543

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
M002 (N/P)

Other Information:

DROL SYSTEMS OF CANADA LTD.
1275 Eglinton Avenue East
Suite 43
Mississauga, Ontario
L4W 2Z2

Contact: Ms. Ann Lord

Tel: (416) 629-1282
No. of employees: 6
Market Focus: Software development, custom-packages
Trade Names: DSC

Software Classifications (Distributed, produced, endproduct):
T004 T046 T085 T095 T102

Consulting Classifications:
X004 X046 X085 X095 X102

Other Information:
Areas of Specialization: Conservation Authority, Architects & Engineers (AEAMIS), Funeral Homes, Management Portfolios, Municipality Planning (SAS)

DUCROS, MEILLEUR, ROY & ASSOCIATES
1200 McGill College
Montreal, Quebec

Contact: Mr. Victor Roy

Tel:
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X032 X107

Other Information:
Also offers office automation and operational management.

DUFFY AND BENTLEY CONSULTING GROUP
Suite 202
663 Yonge Street
Toronto, Ontario
M4Y 2A4

Contact: Mrs. Jan Duffy/Bentley, Partner

Tel: (416) 928-0371
No. of employees: 2
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X107 X120

Other Information:
Specializing in: Feasibilty Studies (Word Processing and Reorganization of Support Staff); In-house Training Programs; and Administrative Support Reorganization.

JOHN DUHAN & ASSOCIATES
Unit 18
1330 Mississauga Valley Blvd.
Mississauga, Ontario
L5A 3T1

Contact: Mr. John Duhan, President

Tel: (416) 275-7070
No. of employees: 1
Market Focus: Corporate strategic planning, organization and program development
Trade Names:

Consulting Classifications:
X106 X130 X131

Other Information:
Specialize in:
Strategic planning & organizational development,
Feasibility studies & options development,
Manpower planning & staff development,
Marketing studies & competitive analysis,
Project management & control, General management consulting & productivity improvement,
Purchasing operations improvement,
Computer systems application development.

HARRY DULMAGE ASSOCIATES LTD.
219 Argyle Ave.
Ottawa, Ontario
K2P 2H4

Contact: Ms. Doris R. Dulmage, Executive Vice President

Tel: (613) 238-8155
No. of employees: 9
Market Focus:
Trade Names: N/A

Consulting Classifications:
X070 X102 X105 X132

Other Information:
Specialize in Research and Development (Telecommunications), Marketing Studies, Feasibility Studies, Systems Engineering.

DUN & BRADSTREET CANADA LIMITED
365 Bloor Street East, 15th Floor
Toronto, Ontario
M4W 3L4

Contact: Mr. Phil Brown, Marketing Support Manager

Tel: (416) 963-6500
No. of employees: 50
Market Focus: Government, Finance, Business Services
Trade Names: N/A

Consulting Classifications:
X070 X074 X107

Other Information:
Have databank of 600,000 companies.

DUNLOP RESEARCH CENTRE
Sheridan Park Research Community
Mississauga, Ontario
L5K 1Z8

Contact: Mr. Duncan A. MacKillop, General Manager

Tel: (416) 822-4711
No. of employees: 22
Market Focus: Industrial rubber products
Trade Names: Dunlopillo, Metalastik, Slazenger, Dunline, Dunseal

Product Classifications (Cdn. Content %):
O002 (100%)

Consulting Classifications:
X068 X070 X093 X094 X102 X105

Other Information:
Subsidiary, Dunlop Manufacturing Systems, is being established to market proprietary expertise in automation and optimization of manufacturing processes. Emphasis is on applied computer science to retrieve and control information for improved management of work-in-progress, and to simulate processes for their rapid development and optimization. Expertise for installation of robotics, inspection systems and general components for factory automation is available.

PRABIR DUTT & ASSOCIATES INC. (PDA INC.)
1411 Beaufort Drive
Burlington, Ontario
L7R 3X4

Contact: Dr. Prabir Dutt, President

Tel: (416) 335-4693
No. of employees: 3-5
Market Focus: Systems, technology & manufacturing services, micro-processor based productivity tools, CAD/CAM
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (99%) W002 (N/P) W012 (99%)

Software Classifications (Distributed, produced, endproduct, embedded):
S010 T004 T019 T037 T044 T046
T068 T091 T093 T094 T132

Consulting Classifications:
X004 X019 X037 X044 X046 X068
X074 X091 X093 X094 X107 X132
X091

Other Information:
Provide highly qualified professional systems, technology and manufacturing services to diverse industries, with special emphasis on manufacturing operations. Develop microprocessor-based productivity tools for software development, manufacturing planning and control.
Distributes mainframes, minicomputers and microcomputers.

DY-4 SYSTEMS INCORPORATED
888 Lady Ellen Place
Ottawa, Ontario
K1Z 5M1

Contact: Ms. Rosanne Lalande

Tel:
No. of employees: (613) 728-3711
Market Focus: Local Area Network
Trade Names: DYNET,RAMDISK

Product Classification (Cdn. Content %):
B005 (80%) C002 (90%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T020 T032 T074 T085 T093 T094
T095 T120

Other Information:
Products: 1) DSTD - Z80 based STD Bus compatible cards incorporating enhance density and multifunctional capability in the use of the dy-4 Bus Family. Used in systems implementation for microcomputer and process control requirements. 2) ORIONS - STD Bus based microcomputer system offering CP/M compatability, based on the STD Bus Family of cards. Orion family comprises desk top models (Orion 1-51/4" disks) to the ORION VIB Family of winchester disk based systems. 3) VGT-100 - a graphics terminal product line providing for VT-100 emulation with Plot 10 graphics compatibility. VGT-100 family is supported by user friendly set up mode with printer ports provided for graghics and alphanumeric printers. 4) dyNASTY - Local Area Network System - supported by its family of CP/M compatible 8 bit microprocessor system, dyNASTY provides for network implementation up to 4,000 feet in 32 workstations; will also support the 8088 based workstations running MSDOS as well as the 68,000 workstations running UNIX when these systems become available in 1983

DYAD COMPUTER SYSTEMS LTD.
80 Bloor St. W.
Suite 1402
Toronto, Ontario
M5S 2V1

Contact: Mr. A. Gerenser, President

Tel: (416) 967-6565
No. of employees: 65
Market Focus: DEC VAX Productivity Aids, DEC RSTS Productivity Aids and CP/M Micro Interfaces
Trade Names:

Consulting Classifications:
X004 X032 X047 X102 X107 X117 X132

Other Information:
Specializing in: Data Center contingency planning for security or disaster recovery; Seminars on Human Resources; RFP preparation and evaluation and aquisition guidelines; Use of CP/M Micro computers for distributed processing; Design and implementation of software architecture for DEC/VAX computers; Conversions; and IBM MVS/VM & DOS.

DYNAKEY CORPORATION
294 Albert Street
Ottawa, Ontario
K1P 6E6

Contact: Mr. Alf Barber

Tel: (613) 236-2431
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X105

Other Information:
Also offers Programming and System Analysis.

DYNAMIC DATA LTD.
105 Davenport Road
Toronto, Ontario
M5R 1H6

Contact: Ms. Penny Gracey

Tel: (416) 922-1369
No. of employees: 35
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X004 X102 X107

Other Information:

DYNAR CONSULTING INC.
54 Queen Street East
P.O. Box 338
Brampton, Ontario
L6V 2L3

Contact: Mr. A. Rolling,President

Tel: (416) 451-5637
No. of employees: 3
Market Focus: System Services Consultants
Trade Names:

Consulting Classifications:
X106

Other Information:
Manufacturing: inventory control, material requirements planning, capacity planning, scheduling, shop floor control.

Distribution: dynamic warehouse inventory control, space allocation, shipping control, order entry, customer service.

Financial: accounts receivable, accounts payable, general ledger, billing, statements, cash flow analysis.

Marketing: sales analysis, market analysis, forecasting, customer service.

Offers systems services in areas of: General consulting, Feasibility studies, Functional requirements studies, Preparation of request for proposal (RFP), Hardware and software evaluations, Project management, Systems analysis and design, Programming and Contract personnel.

EDA INSTRUMENTS INC.
1 Thorncliffe Park Drive
Toronto, Ontario
M4H 1G9

Contact: Mr. S.C. Kirkby, Sales Representative

Tel: (416) 425-7800
No. of employees:
Market Focus: Instrumentation for earth physics & geophysics studies
Trade Names: OMNIMAS

Software Classifications (Embedded):
T080

EPS CONSULTANTS
2 Robert Speck Parkway, Suite 1080
Mississauga, Ontario
L4Z 1H8

Contact: Ms. Joan Ridley, Ontario Regional Manager

Tel: (416) 279-8711
No. of employees: 250 (worldwide), 30 (Canada)
Market Focus: Financial Planning & Modelling
Trade Names: EPS CONSULTANTS

Software Classifications (Distributed):
R001 S001 S010 T004 T074 T085
T095 T070 T105 T132 T037 T091

Consulting Classifications:
X004 X037 X070 X074 X085 X091
X095 X105 X107 X132

Other Information:
Market and support FCS-EPS (Management Decision Support System), available on over 40 computer operating systems. FCS-EPS is a complete analytical and planning facility for accountants, financial and operational planners, analysts and MIS applications developers. Has powerful functions and flexible language, and can address a broad range of business applications. It is used by over 1000 organizations in more than 25 countries. Capabilities go beyond basic modelling tasks; the complexity of user applications will not outgrow the system.

Also market MICRO-FCS - syntactically identical subset of FCS-CPS, available on micro computers.

Ottawa branch office.

EFW & ASSOCIATES
14 Madison Avenue
Toronto, Ontario
M5R 2S1

Contact: Mr. E.P. Wasylow, Manager

Tel: (416) 967-5661
No. of employees: 7
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X004 X032 X070 X107 X117 X132

Other Information:

ESE LIMITED
1780 Albion Road
Rexdale, Ontario
M9V 1C1

Contact: Mr. M. Burnham, National Sales Manager

Tel: (416) 749-2271
No. of employees: 450
Market Focus: Data Communications manufacture and distribution
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (100%) H001 (30%) O003 (100%)
O004 (100%) W004 (N/P) W005 (N/P)

Other Information:
Specializes in communications networks - data, modems, multiplexors, concentrators, matrix switches, network control systems and protocol converters. Ottawa branch office.

EWT CANADIAN PRODUCTIVITY IMPROVEMENT CENTRES LTD.
25 Overlea Blvd., Suite 307
Toronto, Ontario
M4H 1B1

Contact: Mr. E. William Theriault,
Chairman & Chief Executive Officer

Tel: (416) 429-2414
No. of employees: 2 full-time
Market Focus: Cost reduction and productivity improvement by better utilization of Human Resources
Trade Names: "Canada's National Productivity Centres"

Software Classifications:
T132

Consulting Classifications:
X132

Other Information:
Specializes in Human Resources Management Information Systems (fully researched, developed & published in Canada); EWT Productivity Improvement Systems entitles "HOW TO REDUCE ABSENTEEISM AND INCREASE PRODUCTIVITY".

These proprietary systems are internationally copyrighted by EWT Holdings Ltd. and published and distributed by CPHC Human Resources Management Ltd. and EWT Canadian Productivity Improvement Centres Ltd.

EBRYS SYSTEMS CANADA INC.
Suite G2, 101 Duncan Mill Rd.
Don Mills, Ontario
M3B 1Z3

Contact: Mr. Bryn G. Cook, President

Tel: (416) 445-6578
No. of employees: 15
Market Focus: Office automation; document management and interconnection of different word processors and micros via host computer software.
Trade Names: Document Archive Retrieval and Transformation (DART) Software

Software Classifications (Distributed, produced, endproduct):
R001 R004 S010 T020 T032 T044
T045 T046 T067 T074 T081 T091
T120

Consulting Classifications:
X032 X044 X045 X046 X067 X074
X081 X091 X107 X120 Z001

Other Information:
Main software product is Document Archive Retrieval and Transformetion (DART), which operates on any IBM S/370/MVS compatible computer. It supports interconnection of different types of word-processors and micro computers. Storage areas in the host computer are designated as "Document Bases". Any word-processor operator can forward completed work for insertion into any one of a number of Document Bases. DART creates an index for each Document Base, accessible by operators for information about the documents available. Listings can be requested by subject, date, author, or other selection creteria options to facilitate access and retrieval. DART solution accommodates IBM Displaywriter, Xerox 850 and WANG word-processors as of August, 1983. Others will soon be added, including:NBI, MICOM, and AES word-processors. DART converts a confusion of word-processors into a powerful company-wide system.

ECLECTECH SOFTWARE
80 Sorauren Ave.
Toronto, Ontario
M6R 2E2

Contact: Mr. Robin Barker, President

Tel: (416) 532-8196
No. of employees: 2
Market Focus: Customized software for small businesses including scientific and technical software
Trade Names: N/A

Software Classifications (Endproduct):
R001 R004 S010 T019 T020 T032
T102 T105

Consulting Classifications:
X019 X032 X074 X102 X105 X107
X132 Z001

Other Information:
Specializes in 1) Business - Lotus 1-2-3 consulting, including user training and support, 2) Scientific and Technical - software development in C, Assembly, FORTRAN and BASIC (CP/M and IBM PC) for microcomputer applications in engineering and the physical sciences; selection of microcomputer hardware and software for number crunching applications, 3) Other micro-to-micro and micro-to-mainframe asynchronous (RS 232) communication, program transfer between IBM PC and CP/M based microcomputers; customized graphics and communication software in C, Assembly and BASIC for the IBM PC.

ECOTEC PETROLEUM SOFTWARE LTD.
#2, 381 Churchill Avenue
Ottawa, Ontario
K1Z 5C4

Contact: Dr. A. Pedro H. van Meurs, President

Tel: (613) 722-6214
No. of employees: 5
Market Focus: Petroleum and energy software for the desktop computer
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct, embedded):
T004 T070 T080 T085 T102 T105
T117 T132

Consulting Classifications:
X004 X070 X080 X085 X102 X105
X117 X132

Other Information:
Specializes in development and marketing of petroleum and energy related software suitable for desktop computers. Also markets software on behalf of other companies with a total of 13 different software packages now available, with more under consideration and development.

EIDETIC SYSTEMS CORPORATION
P.O. Box 13340
Kanata, Ontario
K2K 1X5

Contact: Mr. E.A. Tromanhauser, President

Tel: (613) 839-3178
No. of employees: 5
Market Focus: Automation of secondary manufacturing processes
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 R004 S007 S010 T044 T068
T080 T093 T111 T117

Consulting Classifications:
X044 X068 X080 X093 X117

Other Information:
At present company specializes in the application of INTEL and DEC technologies.

ELECTROHOME ELECTRONICS
809 Wellington St. N.
Kitchener, Ontario
N2G 4J6

Contact: Mr. Rick Stanfel, Co-ordinator, Government Liaison

Tel: (519) 744-7111
No. of employees: 620
Market Focus: Industrial Video Display
Trade Names: Electrohome

Product Classifications (Cdn. Content %):
C002 (N/P) H001 (N/P) W004 (N/P)
W014 (N/P)

Software Classifications (Produced, endproduct, embedded):
R004 S010

Consulting Classifications:
X107

ELRAC COMPUTING LTD.
Buttonville Airport
16th Avenue
Markham, Ontario
L3P 3J9

Contact: Mr. Bill de Carle, President

Tel: (416) 297-3072
No. of employees: 1
Market Focus: Systems Development
Trade Names:

Software Classifications:
T070 T102

Consulting Classifications:
X102

Other Information:
Specializing in: Environmental Monitoring and Datalogging Systems; Data Acquisition and Telemetry Systems; Geophysical Instruments; Custom-design of Microprocessor-based Equipment; Design and Implementation (Operating Systems - Real Time; Special Language Compilers and Interpreters; Process-control Systems; and Navigation and Position-fixing Systems); In-house Development System which supports all popular microprocessors; and Software Development for minicomputers.

ENCOM INFORMATION SYSTEMS INC.
2061 McCowan Road, Suite 201
Scarborough, Ontario
M1S 3Y6

Contact: Mr. Raj Khanna, President

Tel: (416) 298-7877
No. of employees: 15
Market Focus: Software Products and Services
Trade Names: Encom Systems

Product Classifications (Cdn. Content %):
W004 (100%) W012 (100%)

Software Classifications (Distributed, produced, endproduct):
R004 S010 T004 T006 T023 T046
T047 T050 T051 T054 T074 T076
T085 T088 T094 T095 T097 T102

Consulting Classifications:
X004 X006 X023 X046 X047 X050
X051 X054 X074 X076 X085 X088
X094 X095 X097 X102 X107

Other Information:
Software Packages - Health Care Institution Financial Systems, Patient Care Systems, Membership Management System, Real Estate Brokerage Management, Insurance Agencies System, Steel Estimating and Optimization, Purchasing and Assets System for Banks, Manufacturing System.

ENGINEERING INTERFACE LTD.
Ste. 200, 2 Sheppard Avenue, E.
Willowdale, Ontario
M2N 5Y7

Contact: Dr. A.W. Levy, Principal

Tel: (416) 226-6565
No. of employees: 36
Market Focus: Building energy management
Trade Names: SUMAC, RETROSAVE, MISER

Software Classifications:
R001 S010 T023 T039 T044 T046
T051 T097 T102 T117

Consulting Classifications:
X023 X039 X044 X046 X051 X097
X102 X107 X117

Other Information:
Specialize in: Building Management Information Systems, Relational Database Management Systems, and Energy Audit and Monitor Systems for Buildings.

ENVIRONICS RESEARCH GROUP LTD.
45 Charles Street East
3rd Floor
Toronto, Ontario
M4Y 1S2

Contact: Mr. M.J. Adams, President

Tel: (416) 964-1397
No. of employees: 6
Market Focus: Market Research and Analysis
Trade Names:

Consulting Classifications:
X032 X117

Other Information:
Specializing in: Market Research and analysis; Housing market analysis; Urban and land-use planning; Social and economic planning; Policy and program evaluation; and Social impact analysis and public participation.
Research and Planning Skills:
Cost-benefit analysis; Cost-revenue analysis; Survey research; Questionnarie design; Focus groups; Multivariate statistical analysis; Modelling and simulation; and Demographic analysis.

EPITEK INTERNATIONAL INC.
100 Schneider Road
Kanata, Ontario
K2K 1Y2

Contact: Mr. Edward Davies, Marketing Manager

Tel: (613) 592-2240
No. of employees: 135
Market Focus: Thick and think film components and hybrid circuits
Trade Names: EPITEK, MARBLE SOUND

Product Classification (Cdn. Content %):
B000 (N/P)

Other Information:
Manufacture micro-electronic circuitry boards using thick film and thin film technology.

Typical customers are in the telecommunications and computer industries.

All research and development and manufacturing take place in Canada, and approximately 60% of business is exports to the U.S. and U.K.

ERNST & WHINNEY
MANAGEMENT CONSULTANTS
2200 Commerce Court West
Toronto, Ontario
M5L 1C6

Contact: Mr. Gary Kendall

Tel: (416) 864-9520
No. of employees: 40
Market Focus: Management consulting
Trade Names:

Consulting Classifications:
X086 X106 X130 X131

Other Information:
Offers a full range of consulting activities within the areas of: Human Resources Systems and Executive Search, Financial Services, Industrial Marketing Services, Manufacturing and Productivity Consulting, Managment Controls, Turnarounds, and Health Care Consulting.

Toronto, Hamilton, Ottawa, London, and Kitchener branch offices.

R.W. EVANS RESEARCH CORPORATION
1 Eva Road
Suite 309
Etobicoke, Ontario
M9C 4Z5

Contact: Mr. Allan Wilson, Manager, Contract Research

Tel:
No. of employees: 18
Market Focus: Market Research in the Computer Industry
Trade Names: EVANS RESEARCH, COMPUTING CANADA, INFOAGE

Consulting Classifications:
X004 X009 X019 X032 X037 X044
X045 X046 X047 X051 X068 X070
X074 X076 X085 X088 X091 X093
X094 X095 X105 X107 X132 Z001

Other Information:
Specializing in: Primary and Secondary Market Research in computers and computer-related products. Both custom and ongoing research services provided.

EXECUNET CORPORATION
302 Legget Drive
Kanata, Ontario
K2K 1Y6

Contact: Mr. Mark S. Diamond

Tel: (613) 592-6353

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
M001 (N/P)

Other Information:
Office Products Division of Mitel Corporation.

EXECUTIVE SOFTWARE INC.
14 Green Pine Ave.
Barrie, Ontario
L4M 4S5

Contact: Mr. W. Danchuk, Vice-President

Tel: (705) 722-3373
No. of employees: 3
Market Focus: Software for businessmen owning micro-computers
Trade Names: N/A

Software Classifications (Distributed, produced endproduct):
T120 T132

Other Information:
Develop and market own software for businessmen who own microcomputers, or other companies' software that meet the same market profile. Specialty is program called DECISION-ANALYST - an aid to evaluting viable alternatives against multiple criteria.

Also markets financial modelling program, PLAN80, authored by a company in the U.S.

G. C. EYRE & ASSOCIATES
5 Hoskin Avenue
Suite 13
Toronto, Ontario
M5S 1H7

Contact: Mr. George C. Eyre,President

Tel: (416) 593-0050
No. of employees: 7
Market Focus: Business Consultants
Trade Names:

Consulting Classifications:
X038 X086 X105 X130

Other Information:
Major services include: Contract Personnel, Recruitment and Training Programs, Systems Development (Structured Analysis, Design and Programming, and Management Science)and Management Consulting (Project Management, Systems Feasibility, Cost/Benefit Analysis, EDP evaluation, EDP Planning, and Software Evaluation),Market Research (Data Analysis, Marketing Research Studies, and Mathematical Models),and Mathematical and Engineering Consulting (Statistics and Operations Research, Scientific Programming-FORTRAN,PL1-, and Economic Forecasts).

FIND LIMITED
41 Horner Avenue - Suite 1
Toronto, Ontario
M8Z 4X4

Contact: Mr. J.F. Johnstone,
Vice-President

Tel: (416) 259-7661
No. of employees: 15
Market Focus: Computer Processing & Software
Trade Names: FIND

Product Classifications (Cdn. Content %):
O002 (100%)

Software Classifications (Distributed, produced, embedded):
T004 T039 T074 T085 T095 T096
T117 T120

Consulting Classifications:
X004 X039 X085 X095 X096 X117
X120

Other Information:
Produces and markets software products - order entry, inventory control, billing, accounts receivable, accounts payable, sales analysis, general ledger and financial statements, and job costing. Clients are in the hotel and restaurant, advertising, transportation and communications industries.

F R I INFORMATION SERVICES
1075 Bay Street
Suite 940
Toronto, Ontario
M5S 2B1

Contact: Mr. Anton Gilham

Tel: (416) 961-3020
No. of employees: 85
Market Focus: Investment-related on-line databases and software
Trade Names: N/A

Product Classifications (Cdn. Content %):
O002 (95%)

Software Classifications:
T037 T054 T070 T091 T105

Consulting Classifications:
X037 X054 X070 X091 X105

Other Information:
Primarily a distributor of on-line investment data and software. Provide access to stock and bond information, corporate financial data, and economic statistics.

Major proprietary software is PMIS, BANK 81, and CANFAX.

FAIRCHILD TEST SYSTEMS
220 Wyecroft Road, Suite 201
Oakville, Ontario
L6K 3V1

Contact: Mr. Brad Watson, Area Manager

Tel: (416) 844-8565
No. of employees: 6
Market Focus: Automation Printed Circuit Board Production Test
Trade Names: FAIRCHILD TEST SYSTEMS

Product Classifications (Cdn. Content %):
M002 (N/P)

Other Information:
Manufactures - Incircuit Test Systems, Functional Test Systems, Shorts and Continuity Test Systems, Subassembly Repair Stations, Field Service Test Systems, Vacuum Test Fixtures, Probes for Test Fixtures.
Custom Test Fixtures and Custom Programs are available.

MERVIN G. FAULKNER ASSOCIATES LTD.
11 Mill St.
Hillsdale, Ontario
L0L 1V0

Contact: Mr. Mervin G. Faulkner, President

Tel: (705) 835-3528
No. of employees: 6
Market Focus: Computer software for micro & mini computers
Trade Names: N/A

Software Classifications:
T004 T023 T074 T085 T102

Other Information:
Specialize in public utilities software packages: billing, power meters, trucking, general ledger, payroll, and accounts payable. Also inquiry techniques.

FAXTEL INFORMATION SYSTEMS LIMITED
Suite 500, 12 Sheppard Street
Toronto, Ontario
M5H 3A1

Contact: Mr. Tom Thorne, Vice President, Development

Tel: (416) 365-1899
No. of employees: 16
Market Focus: Financial, business and governments
Trade Names: 1) MARKETFAX - stock market technical analysis service, 2) CANSIM TELICHART - Statistical numbers into colour charts, 3) VIDEOCONFERENCING - "freeze frame and computer graphic services"

Software Classifications:
R001 R004 T020 T032 T037 T044
T046 T070 T091 T105

Consulting Classifications:
X032 X037 X044 X046 X070 X091
X105 X107 Z001

Other Information:
Telidon videotex applications firm. Database operators (MARKETFAX and TELICHART), working in the investment, business and research markets. Does Telidon applications such as Trade Fairs, and Videoconferencing. Provides Telidon consulting services such as creative-editorial, systems design, systems implementation and programming. Teletext services include: Teletext consulting; Blanking interval or full-channel systems for broadcast and cable television; Telesoftware downloading to personal and mainframe computers; full teletext editorial and creative services from concept to operational on-air systems; systems generated from on-line host computers. Offers: MARKETFAX - stock market technical analysis service covering New York, Toronto, Vancouver and major commodity exchanges; Graphing and charting software to generate teletext pages from numeric data; TELICHART - graphic, statistical service combining data and the visual capabilities of Telidon.

FERRITRONICS LTD.
222 Newkirk Road
Richmond Hill, Ontario
L4C 3G7

Contact: Mr. Raymond H. Hogue, President

Tel: (416) 884-3180
No. of employees: N/P
Market Focus: Tone and Digital Signalling
Trade Names:

Product Classifications (Cdn. Content %):
O004 (N/P)

Other Information:
Manufactures a mobile signalling line ranging form simple tone encoders and decoders to computer polled digital signalling systems. Customers are manufacturers of mobile radios and mobile telephones. Over 75% of products are exported.

Products: - Tunable tone signalling modules; Automatic number identification systems; Selective calling systems; Repeater tone panels; and Active and passive filters.

FIDELIS SYSTEMS & PROGRAMMING
197 Dundas St. E.
2nd Floor
Toronto, Ontario
M5A 1Z4

Contact: Ms. Y.E. Parti,President

Tel: (416) 947 1551
No. of employees:
Market Focus: Systems Programming
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X029 X130

Other Information:
Specializes in Payroll, Financial, Insurance, Stock Control and Management Reporting.

Use of MVS/OS,TSO/SPF,CMS, WYLBUR, CICS, Assembler, COBOL, PL1, Basic,and IBM and JCL on-line and batch systems.

FILDEBRANDT PRECISION INDUSTRIES
232 Herzberg Road
Kanata, Ontario
K2K 2A1

Contact: Ms. Carol Williams, Co-ordinator

Tel: (613) 592-5220
No. of employees: 45
Market Focus: N/P
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P) M001 (99%)

Other Information:
Manufactures computer cabinets, casings and modems, brackets, frames and panels, in precision sheet metal, for the high technology industry.

FILOTTI INDUSTRIES INC.
52 Aberdeen Avenue
Toronto, Ontario
M4X 1A2

Contact: Mr. Michel Proulx, V.P.

Tel: (416) 920-0803
No. of employees: 3
Market Focus: at present - TELIDON hardware manufacturing and satellite dish manufacturing industry
Trade Names: TBI 1000

Product Classifications:
W004 (N/P)

Software Classifications:
T102

Consulting Classifications:
X102

Other Information:
Specializes in electronic design and consultation in the area of broadcast engineering.

FIRMWARE INC.
2 Bloor Street East
Suite 2612
Toronto, Ontario
M4W 1A8

Contact: Mr. Pierre Bianchetti, Partner

Tel: (416) 925-5749
No. of employees:
Market Focus: Systems Development
Trade Names:

Consulting Classification:
X004 X070 X107

Other Information:
Areas of Specialization: On-Line and Batch Systems using large IBM systems. IBM system /3 and 34 - general business systems i.e. accounting, inventory control, order entry, payroll,etc..

FLECK MANUFACTURING INC.
91 Lincoln St.
Tillsonburg, Ontario
N4G 2P9

Contact: Mr. Dan Mucci, V.P. & G.M.

Tel: (519) 842-3641
No. of employees: 600
Market Focus: supply of wiring harness and power supply cords & molded connectors to computer and other electronic equipment manufacturers.
Trade Names: FLECK, DOMTECH, DOM-PLAST

Product Classifications (Cdn. Content %):
B000 (99%)

Other Information:
Offers a complete "single source" service - consultation, engineering, manufacturing and quality control - to meet the wiring needs of the consumer products, appliances, automotive and business machine industries.

FOUNDATION ELECTRONIC INSTRUMENTS INC.
1794 Courtwood Crescent
Ottawa, Ontario
K2C 2B5

Contact: Mr. Attila J. Szanto, President, CEO

Tel: (613) 226-4000
No. of employees: 35
Market Focus:
Trade Names: N/A

Product Classifications (Cdn. Content %):
D014 (N/P) G001 (N/P) M002 (N/P)
O003 (N/P) O004 (N/P) W004 (N/P)

Software Classifications:
T044 T046 T067 T096 T102 T113
T117

Consulting Classifications:
X044 X046 X067 X096 X102 X107
X113 X117

Other Information:
Specialize in fibre optics communications technology. High performance fibre optic systems are in extensive use in communications, manufacturing and resource industries and a large percentage of the systems are sold abroad.

Applied research and development - special engineering projects group has designed and built numerous high technology instruments for a variety of clients. Company also provides consulting, special system design and field installation services, as well as tutorial courses in the use and maintenance of its products.

FREEDOM COMMUNICATIONS
215 Lakeshore Blvd. East
Toronto, Ontario
M5A 3W9

Contact: Ms. Kathleen Toth, Vice President

Tel: (416) 863-0132
No. of employees: 5
Market Focus: small business microcomputer users
Trade Names: Freedom Communications, Freedom Office Automation Corporation, The Hyper Writer

Software Classifications (Distributed, endproduct):
T066 T074 T076 T120

Other Information:
Markets the HyperWriter which has been designed to run on a simple microcomputer using CP/M with Wordstar and MailMerge. The HyperWriter is being converted by Freedom Communications to various microcomputers (Persona, BMC, Hyperion, etc.). It is currently working on Xerox 820-II. Other application packages are also being developed.

FREEMAN-MAYHEW LIMITED
Box 13309
Kanata, Ontario
K2K 1X5

Contact: Mr. Lloyd Mayhew, Vice President

Tel: (613) 592-6417
No. of employees: 4
Market Focus: Computer software for the production of newspapers
Trade Names: FML, TEXT 100

Software Classifications (Produced, endproduct):
S007 T081

Other Information:
Text processing products (text editing, typesetting and graphics) for the publishing industry.

FUTUREPLAN CONSULTING SERVICES
Box 642, P.O.
Burlington, Ontario

Contact: Ms. Carolyn Dutka, Consulting Sociologist

Tel: (416) 827-9642
No. of employees: 1
Market Focus: Consulting Sociologist/Educator
Trade Names:

Consulting Classifications:
X032 X047 X117

Other Information:
Specializing in: Community Development (social/human services planning, addictions, race relations, education); Health (mental health, mental retardation, enviromental); Education (as a qualified teacher, educational research and planning); Public Information/Education (editor, Directory of Community Services, media liason, public speaking,org. seminars, workshops); Economic Development (impact of...); Public Participation (citizen advisory committees, Open Houses, Information centers, citizen response to projects); Social Research and Planning; Writing; and Public Relations.

G & M SALES
203-1179 Finch Ave. West
Downsview, Ontario
M3J 2G1

Contact: Ms. Gail Graham, Sales Manager

Tel: (416) 665-8365
No. of employees: 3
Market Focus: CAD and Computer Graphic Supplies
Trade Names: N/A

Product Classifications (Cdn. Content %):
W007 (N/P) W008 (10%) W010 (0%)

Other Information:
Specialize in computer storage media, filing systems; computer drafting and graphics supplies such as drawing materials, pens, ink etc.

GKD FINANCIAL MANAGEMENT SERVICES LTD.
552 Allview Avenue
Burlington, Ontario
L7T 3T7

Contact: Mr. G. Keith Duncan, President

Tel: (416) 637-5123
No. of employees: 2
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X037 X130 X132

Other Information:
Specializes in:
1) Financial Management Services for financial institutions. Includes fiancial planning and analysis, costing and profitabiltiy studies, asset/liablity management information reporting and operations research analyses.

2) Analysis of a broad range of mortgage financing alternatives.

3) Sales forecasting and inventory control.

GTP OFFICE COMMUNICATIONS CORP.
206 Laurier Avenue, West, 2nd Floor
Ottawa, Ontario
K1P 5J8

Contact: Mr. M.G. Pearson, Vice President

Tel: (613) 235-0287
No. of employees: 3
Market Focus: Microprocessor based office automation systems
Trade Names:

Consulting Classifications:
X125

Other Information:
Specializes in planning, designing and implementing integrated microprocessor based office automation systems. Research and development emphasis on aspects of automation, eg. the impact of modern systems technology on the managerial and office personnel roles. Hold seminars addressing senior management concerns, i.e. measurable cost benefits, productivity gains, and implementation strategies.

Products: - Integrated office systems; Office business applications software and integrating systems software; Office automation studies, needs analysis and functional specifications; Awareness seminars for senior management; Personnel training in office automation systems, and Automated corporate planning system models.

ALEX GALLEY & ASSOCIATES INC.
1313 Hillcrest - Nisbet Drive
Sarnia, Ontario
N7S 4T4

Contact: Mr. Alex Galley, President

Tel: (519) 542-4002
No. of employees: 3
Market Focus: Consulting in information technologies
Trade Names: N/A

Consulting Classifications:
X004 X016 X037 X039 X047 X050
X051 X064 X066 X067 X074 X076
X081 X085 X094 X095 X096 X102
X105 X107 X120 X132 Z001

Other Information:
Consulting services cover
1) Planning information resource requirements.
2) Selection of information processing technologies.
3) Development of information systems.
4) Computer security and control.
5) Education and training.
6) Data base and information management.
7) Telecommunication and office automation.

CIRCTRONICS DIV. OF GANDALF DATA LTD.
89 Bentley Ave.
Nepean, Ontario
K2E 6T7

Contact: Mr. Don Roger, Operations Manager

Tel: (613) 225-9751
No. of employees: 30
Market Focus: Manufacture of printed wiring boards (PCBs)
Trade Names: N/A

Products Classifications (Cdn. Content %):
B000

Other Information:
Manufacture printed wiring boards to customers' specifications - prototypes, short runs, high volume.

GANDALF DATA LIMITED
Gandalf Plaza
9 Slack Road
Nepean, Ontario
K2G 0B7

Contact: Mr. Colin D. Patterson, President

Tel: (613) 225-0565
No. of employees: 450
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
O000 (N/P) P000 (N/P) H002 (N/P)

Other Information:
Since 1970 over 400,000 data transmission devices have been supplied to common carriers, educational institutions, financial houses, telephone companies, government departments and industrial plants.

Products: - Synchronous and asynchronous data sets and modems; Cards, chassis and interfaces for modems; Transmission test sets; Private automatic computer exchanges (PACX); Mobile computer terminals; Multiplexers and networking devices; radioModems; Interface converters; Data over voice units; Protocol converters; and Coaxial cable multiplexers

GARRETT MANUFACTURING LIMITED
255 Attwell Drive
Rexdale, Ontario
M9W 5B8

Contact: Mr. C. Brunger, Marketing Services Administrator

Tel: (416) 675-1411
No. of employees: 900
Market Focus: Military and commercial aircraft temperature control systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P)   C005 (N/P)

Other Information:
Designs and utilizes computers and related equipment in some of its end products. Major product areas are aircraft temperature control systems, communication systems, electromechanical and pneumatic systems, microelectronic devices - thin and thick film hybrids for military and aerospace markets, major systems and sub-contract manufacturing and aircraft peripheral vision displays.

PAUL GAZDA
249 Parkview Hill Crescent
Toronto, Ontario
M4B 1S5

Contact: Mr. Paul Gazda, Manager

Tel: (416) 757-1707
No. of employees: 1
Market Focus: Office Automation
Trade Names:

Consulting Classifications:
X032   X047   X102   X107   X117   X132

Other Information:
Areas of Specialization:
Equipment specification, evaluation, and acquisition including mini-computers, micro-computers, data entry systems, batch terminals, video display terminals, word processing systems, microfilm, optical character readers and facsismile transmission.
Office automation including feasibility studies, organization, and equipment specification and acquisition.
Project mangement using PERT/CPM method.
Statistical data analysis for the social sciences.

GEAC COMPUTERS INTERNATIONAL INC.
350 Steelcase Rd. West
Markham, Ontario
L3R 1B3

Contact: Mr. Steve Eaton, Supervisor of Corporate Communications

Tel: (416) 475-0525
No. of employees: 600
Market Focus: Hardware and software products, primarily banking and library
Trade Names:

Product Classifications (Cdn. Content %):
B001 (N/P) B003 (N/P) F002 (N/P)
F004 (N/P) G001 (N/P) G002 (N/P)
G003 (N/P) H001 (N/P) J001 (N/P)

Software Classifications:
T009 T067 T088 T120

Other Information:
Specializes in hardware and software products for specific markets - library automation, banking automation and pharmacy automation.

GEN-TEC INC.
2625 Dalton
Ste-Foy, Quebec
G1P 3S9

Contact: Mr. Michel Verreault, Vice-President, Electro-optics

Tel: (418) 651-8000
No. of employees: N/P
Market Focus: Design and Fabrication of High Technology Devices
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Consulting Classifications:
X102

Other Information:
Specializes in the design and manufacture of high technology devices, in particular those for electro-optical use and energy conservation.

Products/Services - 1) TEA-CO2 Lasers, Joulemeters, High-Voltage Probe; 2) Demand Control Systems, Wire mesh heating system; 3) Custom-built equipment (electronics, microprocessor); 4) Repair and Calibration of any electronic equipment.

GENERAL DATACOMM LTD.
2255 Sheppard Ave. East, S 410W
Willowdale, Ontario
M2J 4Y3

Contact: Mr. George Best, President

Tel: (416) 498-5100
No. of employees: 43
Market Focus: Datacommunication Modem Sales and Service
Trade Names: GENERAL DATACOMM LTD.

Product Classifications (Cdn. Content %):
W004 (60%)

Other Information:
Sales and service datacommunication modems
Time division multiplexers
Network information systems.

CANADIAN GENERAL ELECTRIC COMPANY LTD.
Information Services
703 Evans AVenue, Suite #200
Etobicoke, Ontario
M9C 5E9

Contact: Mr. Al Hassabo, Branch Manager

Tel: (416) 620-2140
No. of employees: 15,800 (Total company)
Market Focus:
Trade Names: Mark III, Marklink

THE GENESYS GROUP
1755 Courtwood Crescent
Ottawa, Ontario
K2C 3J2

Contact: Mr. Carl Bossio, Marketing Representative

Tel: (613) 226-8740
No. of employees: 25
Market Focus: Telidon Videotex/Teletext Systems
Trade Names:

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications (Produced, endproduct, embedded):
R001 R004 S010 T009 T020 T032
T044 T047 T066 T067 T081 T089
T091 T096 T097 T100 T102 T113
T117 T120

Consulting Classifications:
X009 X032 X039 X044 X047 X066
X067 X081 X091 X096 X097 X100
X102 X107 X113 X117 Z001

Other Information:
Developed the host data base software (V5.0) for Telidon videotex system. Provides stand-alone turnkey Telidon videotex systems. Some applications are: government, banking, real estate, transportation, broadcasting, education, advertising, health care. Expertise in software, but can provide hard and software for a complete videotex package.

GENTIAN ELECTRONICS LTD.
Box 1240
Stittsville, Ontario
K0A 3G0

Contact: Mr. Dennis De Jong, General Manager

Tel: (613) 836-3987
No. of employees: 7
Market Focus: Cartography and Photogrammetry
Trade Names: Hi-State

Product Classifications (Cdn. Content %):
C002 (100%) C005 (100%) D014 (60%) G002 (100%)

Software Classifications (Produced, embedded):
R001 R004 S001 S007 S010 T019 T080

Other Information:
Specialize in precision table digitizers and stereoplotter digitizers for cartography and photogrammetry (map-making). Also, RS-232 to IBM-compatible magnetic tape interface.

GEO KARTOGRAPHICS
397 Fox Ave.
London, Ontario
N6G 1H7

Contact: Ms. Kim Holland, Partner

Tel: (519) 434-0731
No. of employees: 2
Market Focus: Education
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (0%) W012 (85%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 T032 T102

Consulting Classifications:
X032

B.J. GILES & ASSOCIATES LIMITED
7 Ettrick Cres.
Nepean, Ontario
K2J 1E9

Contact: Mr. Brian J. Giles, President

Tel: (613) 825-4252
No. of employees: 10
Market Focus: Computer systems consulting, design & implementation
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (70%) C005 (65%) W002 (N/P)

Software Classifications (Produced, endproduct, embedded):
R001 R004 S010 T004 T037 T044
T051 T066 T067 T070 T076 T085
T088 T091 T094 T097 T105 T120

Consulting Classifications:
X004 X019 X037 X044 X047 X051
X066 X067 X068 X070 X076 X085
X088 X091 X093 X094 X097 X102
X105 X107 X120 X132

Other Information:
Specialize in
1) Accounting & information management systems & software for small business - general & real estate management companies

2) Office automation, administrative & financial information systems for government.

3) Process control, industrial measurement & control, instrumentation & control interfacing, custom products. Distributes minicomputers and microcomputers.

GOLDSTRAW & ASSOCIATES
69 Main Street North
Box 58
Campbellville, Ontario
L0P 1B0

Contact: Mr. G.M. Goldstraw

Tel: (416) 854-2213
No. of employees: 1
Market Focus: White Collar Security and Loss Prevention
Trade Names:

Consulting Classifications:
X004 X107 X132

Other Information:
Specializing in:
"White Collar" Security and Loss Prevention - Assessment of loss exposure to fraud or theft through computer and/or clerical activity - and to develop and implement ongoing programs designed to minimize risk and ensure detection of these types of losses.
Acceptance Test Design - for larger systems, to provide an independent interface for ensuring appropriate and unbiased construction and accomplishment of thorough systems testing - includes design of prototype and appropriate measuring tools and standards for acceptable performance.
System Intergration - the planning and establishment of entire operational use of newly installed systems in clerical, operational, and managerial levels - i.e. Working Business Systems.

GORAL SYSTEMS
106 Deacon Lane
Ajax, Ontario
L1S 2T3

Contact: Mr. Gordon B. Gonyea, President

Tel: (416) 683-8988
No. of employees: 1
Market Focus: Contract systems design and programming
Trade Names: N/A

Software Classifications:
T004 T094

Other Information:
Specialize in - micro computer based econometric models, Mini computer systems (on line order fulfillment, inventory control, accounts receivable, sales performance reporting for retail sales operation) using table driven data base technologies.

JOHN GORHAM CONSULTANTS LTD.
10 Price Street
Toronto, Ontario
M4W 1Z4

Contact: Mr. Kevin P. Kenney, Marketing Manager

Tel: (416) 967-7144
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Other Information:
Company is sole representative in Canada for Wolf Data Systems Limited, offering package accounting programs for Datapoint computers. Company provides full support services for these packages, including custom modifications.

GOURLIE & ASSOCIATES
Box 1176, Station "B"
Ottawa, Ontario
K1P 5R2

Contact: Mr. D.W. Gourlie, President

Tel: (613) 232-5039
No. of employees: 21
Market Focus: Risk Consulting, Foreign Trade, Translation (6 Languages) and Property Management
Trade Names:

Consulting Classifications:
X032 X117 X132

Other Information:
Specializing in: policy analysis, marketing, management studies in personnel, productivity, organization, manpower planning, hiring and de-hiring, property management, management information systems, translation, job description writing, evaluation, training and course development, agriculture, regional and urban/rural planning, logistics and transportation. port development and fisheries, marketing studies, scientific research management, investment capital, promotion of tourist trade and promotion of trade between Canada and other countries.

GRADY ECONOMICS & ASSOCIATES LTD.
36 Granville Ave.
Ottawa, Ontario
K1Y 0M4

Contact: Dr. Patrick Grady,President

Tel: (613) 728-6417
No. of employees: 3
Market Focus: Economic Consultants
Trade Names:

Consulting Classifications:
X070 X130

Other Information:
Specializes in: General economic analysis, tax policy, government expenditure planning, cost-benefit analysis, program analysis, monetary policy, finance, housing, pensions, industrial organization, energy, law and economics, labour and manpower, economic forecasting and econometric modelling.

Toronto and London branch offices.

GRAHAM AND WOLFE & ASSOCIATES
16A Isabella Street
Toronto, Ontario
M4Y 2A1

Contact: Mr. Audley Martin,
Vice-president, Marketing

Tel: (416) 968-1432
No. of employees: 14
Market Focus: Micro-computers, and Wordprocessing
Trade Names:

Product Classification (Cdn. Content %):
W015

Consulting Classifications:
X004 X107

Other Information:
Retailer: Sales of Micro Computers for Distributed Processing, Word Processing and Business Applications.
Areas of Specialization: Financial, Insurance, Retailing, Manufacturing, Word Processing, Large Mainframes, Micros and Minis.

R.G. GRAY & ASSOCIATES LIMITED
120 Steelcase Road East
Suite 201
Markham, Ontario
L3R 1E8

Contact: Mr. R.G. Gray, President

Tel: (416) 495-9310
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X004 X070 X080 X102 X107 X117
X132

Other Information:

GRAYCARL CONSULTING LTD.
R.R. 2
Wroxeter, Ontario
N0G 2X0

Contact: Mr. James C. Gray, Principal

Tel: (519) 335-3693
No. of employees: 2
Market Focus: Consulting help to small and medium sized businesses wishing to use computers profitably
Trade Names: N/A

Consulting Classifications:
X004 X019 X032 X046 X066 X068
X074 X085 X093 X094 X095 X107
X120 X132 Z001

Other Information:
Specialize in:
- computer aided manufacturing (CAM),
- Justification and implementation of MRP systems,
- Surveys of micro and mini computer software packages for manufacturing, distribution and financial applications,
- topdown inventory management control process,
- productivity improvement program,
- management audit of distribution function, procurement function, information systems function,
- Education seminars on 1) The economic justification of CAD/CAM technology, 2) Implementing on-line MRP for profit, 3) The Manager Copes with Change.

G.J. GRIFFITH & ASSOCIATES
91 Haliburton Avenue
Islington, Ontario
M9B 4Y7

Contact: Mr. G.J. Griffith, President

Tel: (416) 965-5314
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X107

Other Information:
Specializing in: Systems Analysis, Programming, Maintenance, COBOL, and IBM-OSMUS.

GROUP FIVE CONSULTING LTD.
1215 Rooney's Lane
Ottawa, Ontario
K1H 7H4

Contact: Mr. Neil V. McEachern, President

Tel: (613) 521-4413
No. of employees: 8 to 10
Market Focus: Data processing consulting and software development
Trade Names: N/A

Software Classifications (Produced, endproduct):
S010 T102

Consulting Classifications:
X004 X019 X023 X044 X046 X051
X070 X080 X102 X105 X107 X117
X132

Other Information:
Specialties - Transit industry (automatic passenger counting and associates data processing), oil/gas exploration (wave climate for off-shore drilling), business systems (interactive data-entry and processing systems), statistical systems (traffic accident analysis and reporting), environmental (air pollution data analysis), survey processing (editing, analysis and reporting).

Proprietary software packages: FORTRAN Report Writer, Screen-Oriented Business Subroutine, CORE Graphics, Sparse Matrix Handling, Data Dictionary, Two-Dimensional Plot.

H-F COMPUTING SERVICES INC.
224 Old Orchard Grove
Toronto, Ontario
M4M 2E5

Contact: Mr. Peter W. Howarth, Vice President

Tel: (416) 482-8195
No. of employees: 2
Market Focus: Small/medium businesses - microcomputers
Trade Names: H-F COMPUTING SERVICES INC.

Software Classifications (Produced, endproduct):
S007 S010 T004 T046 T070 T102
T105 T132

Consulting Classifications:
X004 X037 X046 X070 X076 X102
X105 X107 X120 X132

Other Information:
Provides guidance to small and medium-sized businesses in use of today's computer technology. Also qualified to consult on larger projects. Specialize in project management, M&S software, data centre planning and organization, load forecasting and capacity planning, CICS software, change/problem management and network control.

H D C TELECOM INC.
219 Argyle Ave.
Ottawa, Ontario
K2P 2H4

Contact: Mr. Larry Lee, Director

Tel: (613) 236-3862
No. of employees: 10
Market Focus: Radio communications systems
Trade Names: HDC

Consulting Classifications:
X006 X044 X045 X046 X067 X070
X096 X102 X113 X117

HST INFORMATION SYSTEMS LTD.
801-275 Slater Street
Ottawa, Ontario
K1K 0Y5

Contact: Mr. Norman Sharpe, Director of Marketing

Tel: (613) 236-7303
No. of employees: 15
Market Focus: Information processing consulting services
Trade Names: N/A

Consulting Classifications:
X004 X009 X032 X037 X039 X044
X046 X054 X066 X067 X070 X074
X081 X085 X094 X095 X100 X105
X107 X111 X117 X120

Other Information:
Specialize in: MANAGEMENT CONSULTING - planning, EDP reviews and audits, hardware/software selection, preparation of tender documents, establishing systems development methodologies and standards, establishing policies for the acquisition of microcomputer technology, feasibility studies, analysis of business requirements, evaluation of proposals, recommendations for systems implementation, functional requirements specifications and office automation. PROJECT MANAGEMENT AND DEVELOPMENT - management of hardware/software installations, planning and/or management of development and implementation projects, project estimating, scheduling and control, project reviews and audits, post-implementation reviews, systems architecture consultation with an emphasis on database and online systems, systems design and analysis and development and implementation of application systems. TECHNICAL SERVICES - database requirements planning, package selection and generation, communication network management planning, capacity planning and contingency planning.

EDWARD B. HALE
712-8111 Yonge Street
Thornhill, Ontario
L3T 4V9

Contact: Mr. E.B. Hale

Tel: (416) 886-2944
No. of employees:
Market Focus: Police and Security Management, Specialized Personnel Management, and Security Planning - Industrial and Civic
Trade Names:

Consulting Classifications:
X080 X132

Other Information:
Management maximization from Personnel recruitment, evaluation, traning, and career planning. Special expertise available in Policing and Security organizations. Civic and Regional Municipal planning, from a law enforcement requirement, a particular specialty. Chaired Task Force on Policing in Ontario.

GRANT HALLMAN ASSOCIATES LTD.
155 Gordon Baker Road, Suite 207
Willowdale, Ontario
M2H 3N7

Contact: Mr. Grant Hallman, President

Tel: (416) 498-8500
No. of employees: 5
Market Focus: Development and implementation of technical mini/microcomputer systems
Trade Names: Fuel Force (automatic fuel dispensing)

Software Classifications (Produced, endproduct, embedded):
T006 T019 T047 T080 T102 T117

Consulting Classifications:
X006 X016 X019 X047 X068 X080
X093 X102 X105 X107 X117

Other Information:
Proprietary software - Fuel Force (automated fuel dispensing and fleet data base network - turnkey hardware/software system supplied), GMAP (2-D Mapping software), SMAP (Automated Survey software), PLOTC (Business graphing software), EGRAF (engineering graphing software).

Specialize in Fuel dispensing and fleet management systems, laboratory data acquisition/real time process control, automated graphics, custom technical mini/micro systems.

HAMILTON SOFTWARE CONSULTANTS
3 Newton Avenue
Hamilton, Ontario
L8S 1V5

Contact: Mr. Ashok K. Goyal, Manager

Tel: (416) 524-2693
No. of employees: 5
Market Focus: Application Software
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications (Produced, endproduct):
T004 T009 T032 T054 T074 T085
T095

Consulting Classifications:
X120

Other Information:
Specialize in evaluation of computer requirements for clients.
Have a full line of application software products.
Provide Software and Hardware consulting.
Offer application programming in a range of programming languages to suit client's needs, eg. BASIC, FORTRAN, PASCAL, COBOL, RPG-II, LISP, PL/I, APL, and C.

R.J. HANSEN ASSOCIATES LTD.
Suite 660 Park Square
10001 Bellamy Hill
Edmonton, Alberta
T5J 1M7

Contact: Mr. D.B. Runyan, Principal

Tel: (403) 425-1660
No. of employees: 15
Market Focus: Transportation systems, Social services, Corporate information systems and Resource Management systems
Trade Names:

Consulting Classifications:
X004 X032 X107 X117 X132

Other Information:
Specializing in: Management and Information System Development (Application Feasibility Analysis, Requirements Definition, and Application Design and Implementation); Performance Evaluation and Operations Planning; Organization and Long-range Application Development Planning; Training; Industrial Engineering and Work Standards Development; Highway Planning; and Enviromental Planning

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HUGH E. HARDIE & ASSOCIATES INC.
827 Calder Road
Mississauga, Ontario
15J 2N6

Contact: Mr. Hugh Hardie, President

Tel: (416) 822-9159
No. of employees: 3
Market Focus: Services to C.A.'s using microcomputers
Trade Names: N/A

Software Classifications:
T020

Consulting Classifications:
X004 X037 X085 X095 X107 X120

Other Information:
Offer consulting services to financial professionals on the use of micros in business. CA, CGA seminars held internationally - Canada, Bermuda, Australia and the U.S.A.

HARRIS COMPUTER SYSTEMS
16 Credit Union Way
Nepean, Ontario
K2H 8R6

Contact: Mr. R. Nigel H. Harris, President

Tel: (613) 829-8888
No. of employees: 35
Market Focus: Business Computer Systems
Trade Names: Harris Computer Systems

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W011 (N/P) W012 (N/P)
W014 (N/P)

Software Classifications:
T004 T023 T044 T046 T054 T066
T074 T076 T085 T088 T094 T095
T097 T113 T117 T120

Other Information:
Specializes in computer systems for hydro-electrical utility billing, property management, wholesale distribution, construction and freight haulage. Distribute minicomputers, microcomputers, disk drives, tape drives, memory devices, and terminals.

HEMTON CORPORATION
1686 Woodward Drive
Ottawa, Ontario
K2C 3R8

Contact: Mrs. Barbara Nelson

Tel: (613) 226-7790
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C002 (N/P)

Other Information:
Graphics system using Microcomputer and OCR equipment to produce Telidon pages.

HERNDIS MACRI CO.
40 Woodbury Road
Suite 4
Toronto, Ontario
M8W 1X6

Contact: Mr. Victor Pierobon,Manager

Tel: (416) 252-8506
No. of employees: 2
Market Focus: Business Consultant
Trade Names:

Consulting Classifications:
X106

Other Information:Specializes in: Budget systems, models, inventory systems, payroll systems, and bond and stock systems.

HEWLETT - PACKARD (CANADA) LTD.
6877 Goreway Drive
Mississauga, Ontario
L4V 1M8

Contact: Mr. Bob McDevitt, Eastern Area Computer Manager

Tel: (416)678-9430
No. of employees: 900 approx.
Market Focus: Measurement and Computation
Trade Names: "HP"

Product Classifications (Cdn. Content %):
B003 (N/P) B005 (N/P) B008 (N/P)
C002 (N/P) C004 (N/P) C005 (N/P)
D006 (N/P) D008 (N/P) D014 (N/P)
F002 (N/P) F004 (N/P) G001 (N/P)
G002 (N/P) G003 (N/P) H001 (N/P)
H003 (N/P) I000 (N/P) J001 (N/P)
K001 (N/P) K002 (N/P) K003 (N/P)
L000 (N/P) M001 (N/P) W002 (N/P)
W004 (N/P) W005 (N/P) W006 (N/P)
W007 (N/P) W008 (N/P) W010 (N/P)
W011 (N/P) W012 (N/P) W013 (N/P)
W014 (N/P) W015 (N/P) W016 (N/P)

Software Classifications (Distributed, produced, embedded):
R001 R004 S001 S007 S010 T004
T019 T047 T050 T051 T068 T070
T074 T085 T093 T094 T095 T102
T105 T120

Consulting Clasifications:
X004 X019 X047 X050 X051 X068
X074 X085 X093 X094 X095 X107
X120

HEYDON CONSULTING ASSOCIATES INC.
211 Consumers Drive
Suite 106
Willowdale, Ontario
M2J 4G8

Contact: Mr. B.R. McKe, Vice-president

Tel: (416) 499-6963
No. of employees: 3
Market Focus: Sales & Marketing Planning, Contract Negotiations
Trade Names:

Consulting Classifications:
X004 X107 X132

HICKLING-JOHNSTON LTD.
415 Yonge Street
10th Floor
Toronto, Ontario
M5B 2E7

Contact: Mr. John McLean, Secretary

Tel: (416) 977-2811
No. of employees: 70
Market Focus: M.I.S. Strategy and Information Management Strategy
Trade Names:

Consulting Classifications:
X047 X070 X085 X107 X113 X117

Other Information:
Services include: Organization Planning and Development, Economic Planning and Analysis, Productivity Improvement, Personnel Services (Executive Search, Training and Development, Compensation, Pyschological Services and Executive Relocation Counselling), Management Information Systems, Simulation, Transportation Systems Planning, Regional Economic Development, Urban Planning, Organization Goal Appraisal Program, Program Evaluation, and General Management Services and Counsel.

HICKLING - PARTNERS LTD.
605-350 Sparks Street
Ottawa, Ontario
K1R 7S8

Contact: Mr. Colin Griffiths

Tel: (613) 237-2220
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X001 X086 X106 X131

HIROSS CANADA INC.
2550 Dunwin Drive
Mississauga, Ontario
L5L 1J5

Contact: Mr. B. W. Martin

Tel: (416) 828-5530

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
M001 (N/P)

Other Information:
Manufactures Computer Room Air Conditioners.

HITEC INNOVATION AND TECHNOLOGY CONSULTANTS
224 King St. West
Hamilton, Ontario
L8P 1A9

Contact: Mr. Jerry McCullough, Director Consulting Services

Tel: (416) 527-2191
No. of employees: 6
Market Focus: Hitec Industry & Services
Trade Names: N/A

Consulting Classifications:
X004 X009 X023 X032 X044 X045
X046 X047 X051 X064 X066 X067
X074 X076 X080 X081 X085 X094
X095 X096 X097 X100 X102 X107
X111 X117 X120 X132

Other Information:
Specialize in Innovation Consulting (getting new companies and products started), Productivity Program design and implementation, and Training in use of productivity tools (such as microcomputers etc.).

HITECH CANADA LIMITED
5th Floor, 1390 Prince of Wales Drive.
Ottawa, Ontario
K2C 3N6

Contact: Mr. Stephen Sandler, President

Tel: (613) 226-7800
No. of employees: 55+
Market Focus: Optical character reading products & custom computer systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
D008 (90%)

Software Classifications (Produced, embedded):
R001 R004 T044 T046 T093 T102
T117

Consulting Classifications:
X044 X406 X093 X102 X107 X117

Other Information:
Specialize in 1) Optical character reading equipment, 2) Image processing equipment, 3) Electronic mail, 4) office automation, 5) Real time and scientific applications of minicomputers, 6) Graphics and data base applications.

Toronto sales office.

HOFSTETTER BUSINESS PRODUCTS LTD.
10 Vulcan St.
Rexdale, Ontario
M9W 1L2

Contact: Mr. Mark A. Hofstetter, Vice President

Tel: (416) 243-1700
No. of employees: 60
Market Focus: Office equipment
Trade Names: FACIT

Product Classifications (Cdn. Content %):
W002 (66%) W004 (N/P) W005 (N/P)
W006 (N/P) W008 (66%) W011 (N/P)
W012 (N/P) W013 (N/P) W014 (66%)
W015 (66%)

Software Classifications (Distributed):
R001 T004 T020 T066 T120

Other Information:
Distribute microcomputers, printers, COM equipment, tape drives, terminals, facsimiles, and disk packs and cartridges.

HOLUS SYSTEMS SOLUTIONS INC.
Suite 205, 37 Front Street East
Toronto, Ontario
M5E 1B3

Contact: Mr. William G. Oswald, Partner

Tel: (416) 864-0982
No. of employees:
Market Focus: D.P. Consulting, applications software
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 T004 T023 T037 T039 T051
T066 T070 T074 T080 T085 T091
T094 T095 T097 T100 T111 T117
T120

Consulting Classifications:
X004 X016 X023 X037 X039 X044
X046 X051 X054 X066 X067 X070
X074 X076 X080 X081 X085 X091
X094 X095 X096 X097 X100 X107
X111 X117 X120

Other Information:
Specialize in data processing consulting for first time users. Additional services are retail, property management, and mortgage handling systems, financial modelling, and office automation. Also creates micro based applications software for distributors, mortgage handling, real estate, time billing, and general accounting.

HOMECOM LEARNING SYSTEMS LTD.
91 Glencameron Road
Thornhill, Ontario
L3T 1N8

Contact: Mr. John Dunlop

Tel: (416) 223-1652
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T020 T022 T032

Other Information:

HONEYTHUNDER LIMITED
890 Duberry St.
Ottawa, Ontario
K2A 3T3

Contact: Mr. Ron Stodden, President

Tel: (613) 729-3906
No. of employees: 2
Market Focus: System design consulting & Microcomputer software
Trade Names: HONEYTHUNDER LIMITED

Software Classifications (Distributed, produced, endproduct):
S010 T004 T091 T120

Consulting Classifications:
X004 X006 X009 X023 X039 X044
X046 X054 X066 X067 X070 X081
X091 X093 X096 X097 X100 X102
X105 X107 X113 X117 X120 X132

Other Information:
Specialize in:
Problem statement language/analyser (marketing rights)
Systems and applicationware for Heath/Zenith equipment
Pascal and Modula2 programming and support
Office automation (voice, text, graphics, image)

HONEYWELL LIMITED
155 Gordon Baker Rd.
Willowdale, Ontario
M2H 3N7

Contact: Mr. Gordon Leighton, Director,
Corporate Business Development

Tel: (416) 499-6111
No. of employees: 547 (in this centre)
Market Focus: Computers & control systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
B001 (N/P) B003 (N/P) B005 (N/P)
B008 (N/P) C002 (N/P) C005 (N/P)
F002 (N/P) F004 (N/P) G001 (N/P)
G002 (N/P) G003 (N/P) H001 (N/P)
H003 (N/P) I000 (N/P) J001 (N/P)
K001 (N/P) L000 (N/P) M002 (N/P)
O003 (N/P)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S007 S010 T016 T019
T020 T032 T050 T054 T067 T068
T088 T093 T094 T100 T117

Consulting Classifications:
X009 X045 X044 X046 X051 X091

Other Information:
Broad based supplier in the industry. Canadian content is approximately 80%, largely because of the high installation and service content in most of its contracts. Currently conducts close to $10 million R&D in Canada, the bulk in Ontario, and corporate objective is to balance imports and exports in the long term. In 1982, the export of $10 million of goods from Canadian firms to Honeywell affiliates in the U.S. and Europe was arranged. The bulk of these goods came from Ontario based firms.
Honeywell is expanding its capability and expertise in the development of proprietary software. It has approximately 100 high talent software development people on staff.
Burlington, Kitchener/Waterloo, London, Ottawa, Sudbury and Windsor branch offices.

HOWARD HONICKMAN AND ASSOCIATES LIMITED
5075 Yonge Street, Suite 501
Willowdale, Ontario
M2N 6C6

Contact: Mr. Howard Honickman, President

Tel: (416) 225-2323
No. of employees: 4
Market Focus: Computer services consultant
Trade Names: N/A

Consulting Classifications:
X004 X009 X023 X037 X039 X044
X046 X054 X066 X085 X088 X091
X095 X096 X097 X100 X107 X117
X120

Other Information:
Specialize in computer consulting in real estate, property management and other industries. Also design, implement and test general business and office support software applications.

HOSPITAL COMPUTING SERVICES OF ONTARIO INC.
Suite 1325, 123 Edward St.
Toronto, Ontario
M5G 1G5

Contact: Mr. Brian Scholey, Vice President, Marketing

Tel: (416)
No. of employees: 100
Market Focus: Hospital computing requirements
Trade Names: H.C.S.O.

Product Classifications (Cdn. Content %):
W002 (10%) W005 (10%) W005 (10%)
W008 (100%) W011 (50%) W012 (100%)
W013 (N/P) W014 (10%) W015 (N/P)
W016 (N/P) O002 (N/P)

Software Classifications:
T039 T047 T051 T076 T088

Consulting Classifications:
X039 X047 X051 X076 X088

Other Information:
Specialize in health care systems, in financial, patient administration and clinical application areas.

KERRY T. HOWE LIMITED
98 Church Street
P.O. Box 460
St. Catharines, Ontario
L2R 6V9

Contact: Mr. Wayne Green

Tel: (416) 688-6550
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T102

Other Information:
Specializing in: Municipal Design Services, Engineering Designs, Tendering, Supervision, and Survey assignments.

HUMAN COMPUTING RESOURCES CORPORATION
10 St. Mary St., Ste. 401
Toronto, Ontario
M4Y 1P9

Contact: Mr. Jim Peters, Sales Engineer

Tel: (416) 922-1937
No. of employees: 40
Market Focus: Vendors and designers of UNIX base operating systems
Trade Names: UNITY OPERATING SYSTEM

Software Classifications:
R001 R004 S001 S010 T000 T004

Consulting Classifications:
X107

Other Information:
Software and systems house specializing in consulting, contract research, and development in the areas of UNIX operating systems, systems programming, applications programming, and interactive computer graphics.

HUMBER - MARSH ENTERPRISES LTD.
Suite 710
55 Maitland Street
Toronto, Ontario
M8Y 3A7

Contact: Mrs. Victoria Cowan, President

Tel: (416) 967-1335
No. of employees: 2
Market Focus: Human Resource Management, Personnel Placement and Computer Systems
Trade Names:

Consulting Classifications:
X004 X032 X047 X070 X102 X107
X117

HUNTINGTON SERVICES
22 Degraffi Street
Toronto, Ontario
M4M 2K3

Contact: Ms. Judy Huntington

Tel: (416) 465-2583
No. of employees:
Market Focus: Office Automation
Trade Names:

Consulting Classifications:
X120

Other Information:
Specializing in: Word Processors and Micro-computers.

HUTCHINSON SMILEY LTD.
10 St. Mary Street
Suite 604
Toronto, Ontario
M4Y 1P9

Contact: Mr. H.B. Hutchinson

Tel: (416) 967-6654
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X047 X106 X107 X125 X130

Other Information:
Products: Management and information systems consultants
Data Processing techniques oriented

WILLIAM G. HUTCHISON & COMPANY LTD.
2025 Sheppard Ave. East
Willowdale, Ontario
M2J 1V7

Contact: Mr. William G. Hutchison, President

Tel: (416) 498-5344
No. of employees: N/P
Market Focus: Computer and telecommunications
Trade Names:

Software Classifications:
R001

Consulting Classifications:
X004 X032 X047 X070 X102 X107
X117 X132

Other Information:
Specialize in consulting and software development in the computer and telecommunications industries. Focus on project management, strategic planning and market research.

Client studies have centered on the office automation, small business computers and videotex systems fields.

HYPERION (BYTEC)
8 Colonnade Rd.
Ottawa, Ontario
K2E 7M6

Contact: Mr. Chris Coates, Canadian Sales Manager

Tel: (613) 226-7013
No. of employees: 120 (more worldwide)
Market Focus: Portable, executive business computers
Trade Names: Hyperion, Hyperion ex, In:touch, In:scribe

Product Classifications (Cdn. Content %):
B005 (100%) C002 (100%)

Software Clasifications (Distributed, produced, endproduct, embedded):
R001 R004 S007 T015 T037 T070 T120

Other Information:
Proprietary software - IN:SCRIBE (executive text editor), IN:TOUCH (interactive communications package telephone management system).

HYTECH SYSTEMS FURNITURE
111 Peter St., Suite 617
Toronto, Ontario
M5V 2H1

Contact: Mr. B. MacFarlane, Partner

Tel: (416) 597-1844
No. of employees: 7
Market Focus: Furniture & Accessories in computer (Word & Data) aftermarket
Trade Names: HYTECH SYSTEMS

Product Classifications (Cdn. Content %):
M001 (100%) W007 (100%)

Other Information:
Specializes in ergonomically designed furniture for work and data processing terminal installations i.e., adjustable terminal stands, workstations and seating. Accoustic covers, anti-glare filters, media storage, lighting, sheet feeders, forms tractors and accoustic panelling.

IAS COMPUTER CORPORATION LTD.
6080 Young St., Ste. 401
Halifax, Nova Scotia
B3K 5L2

Contact: Mr. David Alward

Tel: (902) 453-4620
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X001 X106

Other Information:
Specialize in: System Analysis.

IBM CANADA LTD./IBM CANADA LTEE
3500 Steeles Avenue East
Markham, Ontario
L3R 2Z1

Contact: Mr. Peter Nassr, President

Tel: (416) 474-2111
No. of employees: 11,580
Market Focus: Information processing equipment
Trade Names: Direction; Electrographic; Executary; Executive; Hektowriter; the IBM logo; Port-a-Punch; Selectric; Selectric II; Think

Product Classifications (Cdn. Content %):
B001 (N/P) B003 (N/P) B005 (N/P)
B008 (N/P) C002 (N/P) C004 (N/P)
C005 (N/P) D006 (N/P) D008 (N/P)
D014 (N/P) F002 (N/P) G001 (N/P)
G002 (N/P) G003 (N/P) H001 (N/P)
H003 (N/P) J001 (N/P) J002 (N/P)
K001 (N/P) K002 (N/P) K003 (N/P)
L000 (N/P) M002 (N/P) O003 (N/P)
O004 (N/P) W002 (N/P) W004 (N/P)
W005 (N/P) W006 (N/P) W008 (N/P)
W010 (N/P) W011 (N/P) W012 (N/P)
W013 (N/P) W014 (N/P) W015 (N/P)
W016 (N/P) O002 (N/P)

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T019 T020 T032 T037 T039
T044 T045 T046 T047 T050 T051
T054 T066 T067 T068 T070 T074
T076 T081 T085 T088 T093 T094
T095 T096 T100 T102 T105 T111
T117 T120 T132

Consulting Classifications:
X004 X009 X019 X032 X037 X039
X044 X045 X046 X047 X050 X051
X054 X068 X074 X085 X093 X094
X095 X107 X120 X066 X067 X070
X076 X081 X088 X095 X096 X100
X102 X105 X107 X111 X117 X120
X132 Z001

Other Information:
Ottawa, Toronto, London and Kitchener branch offices.

ICAM TECHNOLOGIES CORPORATION
1900 Sources Boulevard
Pointe Claire, Quebec
H9R 4Z3

Contact: Mr. JohnJ. Nassr, President

Tel: (514) 697-8033
No. of employees: 10
Market Focus: Engineering and software development
Trade Names:

Consulting Classifications:
X019 X020 X021

Other Information:
Provides specialized engineering and software development for Computer Aided Manufacturing applications.

Products/services: Production Engineering and System Design; CAD/CAM Systems; Computer Aided Learning Systems; Part programming for all NC/CNC equipment; and APT time sharing.

ICL COMPUTERS CANADA LTD.
18 Champlain Blvd.
Toronto, Ontario
M3H 2Z1

Contact: Mr. David M. Macdonald, Sales Manager

Tel: (416) 635-0110
No. of employees: 150
Market Focus: Information Technology - office automation
Trade Names: International Computers Ltd. International Computers Canada Ltd.

Product Classifications (Cdn. Content %):
W002 (53%) W004 (53%) W005 (53%)
W006 (53%) W011 (53%) W012 (N/P)
W013 (53%) W014 (53%) W015 (53%)
W016 (53%)

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 S010 T004
T009 T016 T023 T037 T039 T045
T046 T047 T054 T051 T066 T074
T076 T080 T085 T094 T095 T096
T097 T100 T111 T117 T120

Other Information:
Proprietary software products:
SUPERSTARS (Total Accounting System), SAFES (Factory Control & Planning System), STATUS (Document Information Management System), BUDGET 20 (Financial Planning & Budgeting), STRATEGY 20 (Strategic Planning & Simulation), PLANNER (A PERT - Type System), IDMS (Integrated Data Base Management System), PROSPER (Financial Modelling System), PACKAGEX (Conversational Data & Statistical Analysis).

Burlington, London and Ottawa branches. Distributes mainframes, minicomputers, microcomputers, optical character recognition equipment, voice equipment, disk drives, tape drives, memory devices, and terminals.

ISE INTERFACE SYSTEMS ENGINEERING LTD.
P.O. Box 927, Stn. A
Scarborough, Ontario
M1V 5E4

Contact: Ms. Bandana Hurtig, Design Engineer

Tel: (416) 298-7212
No. of employees: 2
Market Focus: Laboratory equipment
Trade Names: Interface Systems

Product Classifications (Cdn. Content %):
W016 (40%)

Other Information:
Specialize in MCC-20 Multi-Channel Counter - manual-input micro-processor-based counter, used in university laboratories for cell/plankton, etc. counting of specimens - used in hospitals/life sciences in hematology laboratories.

ISL INTERNATIONAL SURVEYS LTD./ISL NOVATECH RESEARCH
85 Eglinton Avenue East
Toronto, Ontario
M4P 2Z5

Contact: Mr. Michael Anthony, Director

Tel: (416) 487-3381
No. of employees: 100
Market Focus: Market Research and Consultancy for High Technology Industries
Trade Names: ISL NovaTech Research is a division of ISL International Surveys Ltd.

Consulting Classifications:
X074

Other Information:
Independent market research firm based in Toronto. ISL NovaTech Research specializes in market research and consulting for computer, office automation, telecommunications, and other "high tech" industries. Services include: consulting, market analyses, feasibility studies for new ventures and products, competitive market and product evaluations, syndicated market surveys and custom market surveys, large and small.

IMAGE BASE VIDEOTEX DESIGN INC.
1011 Pape Avenue, Suite 2
Toronto, Ontario
M4K 3V9

Contact: Mr. Neil Black, President

Tel: (416) 421-1958
No. of employees: 4
Market Focus:
Advertising/communications/audio visual services
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (100%) W012 (100%)

Software Classifications (Produced, endproduct):
T096 T117

Consulting Classifications:
X096 X107 X117

Other Information:
Specializes in videotex database design and management; Telidon/videotex page creation; production of audio/visual displays using Telidon computor graphics; consultation on videotex hardware and software; hardcopy production of computer graphic displays.
Distributes graphics systems/displays.

IMAPRO INC.
1750 Courwood Crescent, Suite 308
Ottawa, Ontario
K2C 2B5

Contact: Mr. Robert Appleton, Marketing

Tel: (613) 226-4080
No. of employees: N/A
Market Focus: Digital film recorders
Trade Names:

Product Classifications (Cdn. Content %):
F004 (N/P)

Other Information:
Manufactures digital film recorders, computer peripherals used to generate photographic images from digital data supplied through a minicomputer. Have developed CIR (Colour Image Recorder) and QCR (Quick Colour Recorder). Potential markets include printing/publishing, medicine, cartography, CAD/CAM remote sensing and business graphics.

Products:
1) CIR single pass, high resolution recorders,
2) Specialized project and turnkey systems,
3) Lower cost QCR, three pass recorders with 2K x 2K resolution - 1) QCR-D35: 35-mm output standard, 4 x 5 Module Optional, and 8 x 10 Module Optional, b) Additional optics and film transports, available, c) 4K x 4K capability.

Will undertake specialized project or turnkey work in the combined disciplines of optics, electronics and mechanics.

IMATA SYSTEMS CORP.
208-1684 Woodward Dr.
Ottawa, Ontario
K2C 3R8

Contact: Mr. Lanny G. Klassen, President

Tel: (613) 226-5832
No. of employees: 7
Market Focus: Automation Consulting & Training
Trade Names: N/A

Consulting Classifications:
X004 X009 X044 X067 X085 X105
X107 X120 X132 Z001

Other Information:
Specializes in microcomputer and office automation consulting and training; project design; management review; technical evaluations; operational audits; planning studies, and futures strategy development.

IMTEKS INTERNATIONAL INC.
33 Lincoln Green Dr.
Markham, Ontario
L3P 1R6

Contact: Mr. Jeffrey R. Rapson

Tel: (416) 294-2629

No. of employees:
Market Focus:
Trade Names:

Other Information:
Manufacture a laser typesetter/intelligent copier especially suited for graphics arts.

INDUSTRIAL LIFE TECHNICAL SERVICES INC.
2255 Shepherd Ave. E.
Suite W303
Willowdale, Ontario
M2J 4Y1

Contact: Mr. Robert Douglas, President

Tel: (416) 492-8522
No. of employees: 700
Market Focus: Systems Development and Consulting
Trade Names:

Consulting Classifications:
X004 X032 X047 X070 X102 X107
X132

Other Information:
Offers: Remote Batch Processing Services, Time Sharing Services, On-Line Application Processing Services, Scientific and Engineering Services, Econometric and Statistical Services, Facilities Management Services, IST Program Production Services, Data Center Back-up Services, Technical Support and Programming Services.

INFO AGE CORPORATION
145 Montee De Liesse
Saint-Laurent, Quebec
H4T 1T9

Contact: Mr. Nguyen Thong, Vice President, Development

Tel: (514) 735-4107
No. of employees: 6
Market Focus: Telidon and General Software
Trade Names: INFO AGE

Product Classifications (Cdn. Content %):
W002 (55%) W004 (60%) W006 (65%)
W008 (100%) W011 (100%) W012 (100%)
W013 (100%) W014 (100%) W015 (70%)
W016 (100%)

Software Classifications (Produced, embedded):
R001 R004 S001 S010 T004 T032
T037 T046 T047 T051 T054 T066
T067 T070 T074 T076 T081 T085
T088 T091 T093 T094 T095 T100
T102 T105 T120 T132

Consulting Classifications:
X004 X046 X066 X067 X085 X094
X107 X120

Other Information:
1) Telidon Technology - image creation, software and hardware products allowing interaction between telidon user and computer systems.
2) Proprietary Softwares - a)Computerized test system using Telidon terminal (administered to drivers for their driver's license examination) b) Integrated system for municipalities, towns and cities (covering all accounting functions and administrative functions) c) Sport center system covering membership records, reservation, sport article inventory, restaurant, cash register functions and all accounting functions d) Miscellaneous programming aids and software generation systems.
Planning Toronto branch office.

INFODYNE CORPORATION
Box 6299,
Torontom Ontario
M5W 1P7

Contact: Mr. Malcolm Dean, President

Tel: (416) 961-9679
No. of employees: Varies
Market Focus: Custom software/word processor conversions
Custom microprocessor-based products
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 T004 T066 T081 T096 T120

Consulting Classifications:
X004 X066 X081 X096 X107 X120

Other Information:
Specialize in: custom software, data processing programs for word processors; word processing training, consulting, analysis;
custom manuals, audio-visual productions for all media (including print), audio & video tape, 16mm and 35mm film;
management seminars in effective implementation of word processor-based office automation systems; custom product design of micro-processor based products.

INFOMART
164 Merton Street
Toronto, Ontario
M4S 3A8

Contact: Ms. Jean Benson, Account Executive

Tel: (416) 489-6640
No. of employees:
Market Focus: Information Retrieval, Database and Telidon
Trade Names:

Consulting Classifications:
X080 X085 X107

Other Information:
Systems development and applications programming services in support of information retreival, database and Telidon projects.

INFORMATICS EDUCATION LTD.
329 Lakeshore Road East, Suite 205
Oakville, Ontario
L6J 1J4

Contact: Mr. John Abrahams, Vice President

Tel: (416) 844-880
No. of employees: 12
Market Focus: Educational and training software; operation of computer-related seminars
Trade Names: INFORMATICS SERVICES, INFORMATICS EDUCATION

Software Classifications (Produced, endproduct):
T020 T032 T076 T094

Consulting Classifications:
X004 X032 X044 X046 X067 X076
X094 X100 X102 X107 X120 Z001

Other Information:
Specialize in - computer-based training systems for business, industry and government, including Telidon Systems; Computer-assisted lesson programs for schools, colleges and home use; network design and optimization for medium to large computer users; selection of computer systems and implementation assistance (user training) for small businesses; intensive workshops in specific applications, e.g., Visicalc and Wordstar.

INFRARED PHOTO LTD.
74 Burland St.,
Ottawa, Ontario
K2B 6K1

Contact: Mr. W.E. Pinson, President

Tel: (613) 828-0683
No. of employees: 2
Market Focus: Low cost, high efficiency, photovoltaic solar cells. If successful, market could include government, industry, etc.
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:

INMARINT INTERNATIONAL MARKETING
120 Holland Ave.
Suite 202
Ottawa, Ontario
K1Y 0X6

Contact: Mr. Paul Mueller, President

Tel: (613) 722-2655
No. of employees: 3
Market Focus: Investment, Business and Marketing (Canadian and Foreign) Consulting
Trade Names:

Consulting Classifications:
X037 X080

Other Information:
Specializing in:
High Technology Projects in computers, photogrammetry, solar collectors, electronics, precision intrumentation, memories (bubble memory systems).
Comprehensive marketing, technical, operational, financial and economic evaluation of special projects.
Wide variety of industrial, commercial, investment and agribusiness experience.
Appraisal and evaluation of business and financial feasibility of projects.
Development of Business and Marketing Plans and Strategies.

INNIS TECHNOLOGY INCORPORATED
17 Homeland Crt.
Brampton, Ontario
L6S 1R8

Contact: Mr. Quentin Innis

Tel: (416)793-2610
No. of employees: 2
Market Focus: Aerospace/Military
Trade Names:

Software Classifications:
T102 T132

Consulting Classifications:
X044 X093 X094

Other Information:
Provides Engineering Analysis for high Technology projects in accordance with the requirements of Military Standards 785, 470, 882, 1388.
Design and Development of Prototype Assemblies or Small Systems.

INNOVATIVE COMPUTER SYSTEMS
3655 Weston Road
Weston, Ontario
M9L 1V8

Contact: Mr. Richard Sands

Tel: (416) 745-9670
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
B005 (N/P) H001 (N/P) H002 (N/P)

Other Information:

INSTRUMAR LIMITED
P.O. Box 13246
St. John's, Newfoundland
A1B 4A5

Contact: Mr. Kenneth Butt, Vice-President

Tel: (709) 726-8460
No. of employees: N/P
Market Focus: Precision instrumentation for research and engineering
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Consulting Classifications:
X102

Other Information:
Specializes in the design and manufacture of precision instrumentation for research and engineering operations in the northern marine environment. Produces general oceanographic instruments and marine transportation electronic equipment as well as instrumentation for ice measurement. Also provides electronic design and consulting services to local marine industries.

Products:
1) Instruments for measuring strain, thickness, temperature and movement of ice,
2) Airborne Impulse Radar; system engineering and component manufacture for over-the-horizon surface propagation radar (CODAR); Time lapse movie cameras for conventional marine radar,
3) Transportable cold environment laboratory,
4) High sensitivity electrochemical anemometer,
5) Non-acoustic underwater telemetry system.

INSYSTEMS INCORPORATED
45 Richmond Street West
Toronto, Ontario
M5H 1Z2

Contact: Mr. Michael J. Egan, President

Tel: (416) 363-3314
No. of employees: 16
Market Focus: Life and health insurance industry
Trade Names: N/A

Product Classifications (Cdn. Content):
W002 (30%) W012 (50%)

Software Classifications:
R001 S007 S010 T054 T076 T091 T120

Consulting Classifications:
X054 X076 X091 X107 X120

Other Information:
Specialize in management and systems consulting, system development services and insurance application systems to the Canadian life insurance and health insurance industries.

Major software packages - in Claims (group insurance claims systems); In Control (system for design and implementation of on-line CICS based applications); Sigma (life insurance agency support systems, insurance illustrators, comparisons, estate planning, etc.).

INTEGRATED COMMUNICATIONS SYSTEMS INC.
134 Abbott Street
Vancouver, B.C.
V6B 2K4

Contact: Mr. Robert G. Anderson

Tel: (604) 687-5200

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
H001 (N/P)

Software Classifications:
T047

INTELLITECH CANADA LTD.
352 MacLaren St.
Ottawa, Ontario
K2J 2C4

Contact: Mr. J. Ouimet, Director of Engineering

Tel: (613) 236-7803
No. of employees: 18
Market Focus: Data communications engineering
Trade Names: N/A

Software Classifications (Produced, endproduct):
R004 T044 T102

Consulting Classifications:
X044 X102 X107

Other Information:
Specializes in consulting, engineering and research and development in data communication systems, networks, spectrum management and mini/micro computer based systems.

INTERACTIVE CIRCUITS AND SYSTEMS LTD.
3101 Hawthorne Road
Ottawa, Ontario
K1G 3V8

Contact: Dr. Dipak Roy, President

Tel:
No. of employees: 6
Market Focus: Defence, communication, instrumentation
Trade Names: N/A

Product Classifications (Cdn. Content %):
W004 (100%) W016 (100%)

Other Information:
Specialize in Real-time signal processing, CCD imaging and geophysical instrumentation.

INTERACTIVE CONSULTING GROUP INC.
130 Adelaide St. West, Suite 718
Toronto, Ontario
M5H 3P5

Contact: Mr. Ray St. Maurice, Director

Tel: (416) 947-9052
No. of employees: 10
Market Focus: Microcomputers
Trade Names: AVT - AVT COMP 2 - DRAGON - TANO AVT

Product Classifications (Cdn. Content %):
W002 (60%) W004 (40%) W006 (40%)
W011 (40%) W012 (40%)

Consulting Classifications:
X004 X044 X054 X064 X066 X074
X085 X095 X100 X107 X120

Other Information:
Distributes microcomputers, printers, disk drives, and controllers.

INTERACTIVE IMAGE TECHNOLOGIES INC.
49 Bathurst St., Suite 401
Toronto, Ontario
M5V 2P2

Contact: Mr. Joseph Koenig, President

Tel:
No. of employees: 10
Market Focus: Interactive video & computer programs for exhibit, education & training
Trade Names: IIT

Product Classifications (Cdn. Content %):
W002 (100%) W012 (90%) W016 (100%)

Software Classifications:
T020 T032 T044 T046 T047 T096

Consulting Classifications:
X032 X044 X046 X096 Z001

Other Information:
ICC has worked closely with training experts to produce films, videotapes, filmstrips, and print material, developing a broad base in education, training, and information.
Now we are applying our visual skills to the new microprocessing technologies. IIT is quickly gaining a reputation as an innovator in designing educational software for microcomputers, as well as interactive videodisc programs. Distributes microcomputers.

INTERCONTINENTAL DATA CONTROL CORP. LTD.
2373 Stevenage Drive
Ottawa, Ontario
K1G 3W1

Contact: Mr. Peter Pritchard

Tel: (613)733-4440

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
H001 (N/P) O000 (N/P)

Other Information:
Manufactures automated message handling terminals and teleconferencing equipment

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INTERDISCOM SYSTEMS LTD.
87-1313 Border Street
Winnipeg, Manitoba
R3H 0X4

Contact: Mr. Norman Toms

Tel: (204) 632-1436

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
O003 (N/P)

Consulting Classifications:
X096

Other Information:
Products: Local distribtution systems and consulting on cable TV

INTERFACE ANIMATION SYSTEMS INC.
59 Claremont Street
Toronto, ontario
M6J 2M7

Contact: Mr. Alexander C. McDonald

Tel: (416) 368-0488
No. of employees: 9
Market Focus: Media hardware and consulting (TV - autio, motion picture post-production, audio-visual animation camera)
Trade Names: N/A

Product Classifications (Cdn. Content %):
W008 (18%)

Software Classifications:
T093 T096

Consulting Classifications:
X019 X093 X096

Other Information:
Specializes in audio processing digital language "System 8" - MULTIPLE LANGUAGE concurrent transmission Audio portion - Television programming.

INTERFAX SYSTEMS INC.
Box 880
Richmond, Ontario
K0A 2Z0

Contact: Mr. Bryon Wilson, President

Tel: (613) 838-3397
No. of employees: 15
Market Focus: High Technology, Mfd; R&D, and Government
Trade Names: INTERFAX SYSTEMS INC.

Product Classifications (Cdn. Content %):
W002 (30%) W004 (30%) W013 (30%)
W016 (30%)

Other Information:
Represent: Data Precision, Datron, Dolch, Electronic Development Corporation (EDC), EIP Microwave, Elgar, Future Data, ICS Electronics, Interface Technology, Interstate Electronics (IEC), KIKUSUI, Narda, Pacific Measurements, Polarad, Quantec, Racal Recorders Inc., Sorensen.
Test Equipment: General Purpose (multimeters, frequency counters, power supplies, function generators oscilloscopes), Digital (logic analyzers, word generators, pulse generators, prom programmers, P development systems), RF & Microwave (signal generators, frequency counters, spectrum analyzers, sweepers, power meters, attenuators, terminations, network analyzers), Automatic Test (GPIB) (word and timing generators, GPIB bus analyzers, GPIB couplers and controlers, switch matrices & scanners, multimeters, generators, counters, analyzers, power supplies & pulsers), Power U.P.S. systems, line regulators, line conditioners, isolation transformers, frequency converters, AC power sources, lab & oem power supplies), Calibration (AC & DC calibrators, references & standards, precision multimeters, portable calibrators), waveform recording & analysis (instrumentation tape recorders (direct & FM), waveform digitizers, waveform analyzers; digital oscilloscopes).
Montreal, Ottawa, Edmonton, Vancouver branch offices.

INTERNATIONAL CINEMEDIA CENTER LTD.
Suite 401, 49 Bathurst St.
Toronto, Ontario
M5V 2P2

Contact: Mr. Joseph Koenig, President

Tel: (416) 861-0333
No. of employees: 9
Market Focus: production of software and laser videodiscs for education and information
Trade Names: N/A

Software Classifications (Produced, endproduct, embedded):
T020 T032 T096

Consulting Classifications:
X032 Z001

Other Information:
Specialize in production of educational and training software for schools, home, government, business, and industry, also production of interactive laser videodic systems with supporting computer software for instruction, information, education, entertainment, and consulting in the above areas.

INTERNATIONAL CONNECTORS LTD. (I.C.L.)
2757 Thamesgate Dr.
Mississauga, Ontario
L4T 1G5

Contact: Mr. J.B. Schachter, President

Tel: (416) 673-1255
No. of employees: 12
Market Focus: Computer Manufacturers and Telephone Equipment
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
Manufacturers of Rectangular DB - computer connectors and computer cable assemblies.

INTERNATIONAL PHASOR TELECOM LTD.
134 Abbott Street
6th Floor
Vancouver, British Columbia
V6B 2K6

Contact: Mr. Wayne E. Meadows

Tel: (604) 683-7636
No. of employees: 10
Market Focus: Data Security
Trade Names: N/A

Software Classifications:
T009

Other Information:
Specialize in data security, software products include a public key data encryption package which runs under Pascal on the IBM/PC or any CP/M machine and can be easily converted to any mini-computer or main frame.

INTERNATIONAL SYSTCOMS LTD.
4900 Fisher Street
Montreal, Quebec
M4T 1J6

Contact: Mr. D. Fry

Tel: (514) 735-6441

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
O002 (N/P) O004 (N/P)

Other Information:
Products: Communications processor, multiplexors. Supplying $2.5mil. of product to Alberta Telephone 1983/85.

INTERNATIONAL SYSTEMS CONSULTANTS LTD.
88 University Avenue
Suite 905
Toronto, Ontario
M5J 1T6

Contact: Mr. Michael Stephen, Marketing Consultant

Tel: (416) 598-1919
No. of employees: 25
Market Focus: Facilities Management, Feasibility Studies and Hardware/Software Evaluation
Trade Names:

Consulting Classifications:
X004 X032 X047 X107 X132

Other Information:
Mini-Micro Computer evaluation and selection. Microcomputer Systems Software development.
DBMS evaluation and selection, including non-procedural languages, relational data bases, prototyping and interactive systems development.

INTERNATIONAL VERIFACT INC.
175 Jardin Drive
Concord, Ontario
L4K 1X5

Contact: Mr. W. Douglas M. Archibald, Vice President, Marketing

Tel: (416) 738-2211
No. of employees: 6
Market Focus: Issuers of Credit Cards, ie. banks, oil companies etc.
Trade Names: CVU Series

Product Classifications (Cdn. Content %):
H001 (95.8)

Software Classifications (Embedded):
T009

Other Information:
Company has been formed to assemble, market and distribute point of sale credit card verification and authorization terminals for rental or purchase by credit card issuers (eg. banks, oil companies, large retailers, etc.). Terminals will utilize proprietary software (Firmware).

Vancouver branch office.

INVESTMENT YIELD CALCULATORS LIMITED
695A Mount Pleasant Road
Toronto, Ontario
M4S 2N4

Contact: Ms. Irene Smyth, President

Tel: (416) 481-8572
No. of employees: 1
Market Focus: Marketing software and computer-aided learning
Trade Names: INVESTMENT YIELD CALCULATORS LIMITED

Software Classifications (Distributed, produced, endproduct, embedded):
T020 T037 T091 T097

Consulting Classifications:
X037 X091 X097 Z001

Other Information:
Specializes in investment analysis consulting. Currently developing a program to convert the authenticated yield-calculator from a manual to an elecric operation and to expand the time frames beyond the existing holding periods. The software is being developed on an Apple II computer with disk drive.

IOTA CONSULTING LIMITED
37 Rita Avenue
Nepean, Ontario
K2G 2G5

Contact: Mr. A. Capitani, Founding Partner

Tel: (613) 225-8512
No. of employees: 40
Market Focus: Computer based systems
Trade Names: N/A

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T009 T037 T039 T044 T045
T046 T054 T066 T067 T068 T070
T074 T076 T081 T085 T088 T091
T093 T094 T095 T096 T102 T105
T100 T111 T113 T117 T120 T132

Consulting Classifications:
X004 X006 X009 X037 X039 X044
X045 X046 X054 X066 X067 X068
X070 X074 X076 X081 X085 X088
X091 X093 X094 X095 X096 X100
X102 X105 X107 X111 X113 X117
X120 X132

Other Information:
Provides consulting services in management, systems analysis, programming and related software and communications. Also feasibility studies, user requirements, systems design, network design, process control software and statistical and modelling systems. Also provides specialists in engineering, accounting, communication and general management for the scientific, educational and business communities.

ITRES RESEARCH LIMITED
#660, 808 - 4th Avenue, S.W.
Calgary, Alberta
T2P 3E8

Contact: Mr. Werner Kesel, President

Tel: (403) 233-0767
No. of employees: 10
Market Focus: Technology development
Trade Names: ITRES RESEARCH LIMITED

Product Classifications (Cdn. Content %):
B008 (50%) I000 (50%)

Software Classifications (Produced, embedded):
T006 T020 T032 T044 T046 T080
T093 T120

Consulting Classifications:
X006 X032 X044 X046 X080 X093
X120 Z001

Other Information:
ITRES Research Limited specializes in systems technology development for Image Display and Processing, Imaging Array-Based Cameras/Remote Sensing, Videodisk Data Archiving and Retrieval and Microprocessor Instrumentation.

Products:
OPTICAL DISK MEMORY SYSTEMS (20%)
IMAGE PROCESSING SYSTEMS (50%)
REMOTE SENSING DEVICES (50%)
MICROPROCESSOR INSTRUMENTATION (40%).

J L D COMPUTER SERVICES, INC.
1 Dean Park Road, Unit 316
Scarborough, Ontario
M1V 2W5

Contact: Mr. James S. Hunte, President

Tel: (416) 282-7709
No. of employees: 3
Market Focus: Manufacturing a variety of computer cables
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (15%) W002 (25%) W006 (25%)
W011 (25%) W013 (25%) W014 (25%)
O002 (60%)

Consulting Classifications:
X004 X088 X094

Other Information:
Manufactures cables for a variety of mini and microcomputers and their peripherals. Also specializes in the repair and servicing of microcomputers and related hardware equipment.

J.S.L. ASSOCIATES CONSULTING
1279 Rideout Crescent
Ottawa, Ontario
K2C 2X9

Contact: Mr. J.S. Lonie, President

Tel: (613) 828-2645
No. of employees: 1
Market Focus: Plant Evaluation and Quality Assurance
Trade Names:

Consulting Classifications:
X032 Z001

Other Information:
Specializing in: Engineering Plant Evaluation Service (Capability Survey) for Procurment; Quality Assurance Service (procurement); Quality Control/Inspection (by contract); Engineering Liaison (plant to plant); and Contract Laision.

JTS COMPUTER SYSTEMS LTD.
4544 Dufferin Street
Unit 20
Downsview, Ontario
M3H 5X2

Contact: Mr. A. Walters,Vice-president

Tel: (416) 630-1910
No. of employees: 9
Market Focus: Total Project Management
Trade Names:

Consulting Classifications:
X106

Other Information:
Specializing in: Transportation industry, Manufacturing, Database Retrieval and Distribution.

J.R. JACOBS & ASSOCIATES LTD.
38 Mintwood Drive
Willowdale, Ontario
M2M 3A7

Contact: Mr. J.R. Jacobs, President

Tel: (416) 222-3999
No. of employees: 2
Market Focus: Security, Disaster Recovery Planning, Audit and Control
Trade Names:

Consulting Classifications:
X004 X032 X107 X132

Other Information:
Specializing in: General Systems/Computer Consulting.
Experience in: Financial, Manufacturing and Distribution Systems.

JAMES RIVER GRAPHICS LTD.
Unit 21, 57 Glencameron Road
Thornhill, Ontario
L3T 1P3

Contact: Mrs. M. Paul, Manager, Distribution Centre

Tel: (416) 889-8282
No. of employees: 5
Market Focus:
Trade Names: TECNIFAX

Product Classifications (Cdn. Content %):
B000 (40%)

Other Information:
Specialize in distribution of custom coating and printed circuit film supplies.

JEDRON SOFTWARE INC.
4141 Yonge St. #401C
Toronto, Ontario
M5C 1K9

Contact: Mr. Ron Kirschner, President

Tel: (416) 223-2120

No. of employees: 5
Market Focus: Applications Software
Trade Names: Jedron

Software Product Classifications (Distributed, produced, endproduct):
T004 T074 T085 T094 T095

Consulting Classifications:
X004 X066 X074 X085 X094 X095
X107 X120

Other Information:
Specialize in manufacturing and wholesale distributing Business Systems. Provide complete support from early stages of system planning through implementation to after-sale service and support.

K.B. JENSEN & ASSOCIATES INC.
44 Riverview Drive
Toronto, Ontario
M4N 3C7

Contact: Mr. K.B. Jensen, Principal

Tel: (416) 482-6803
No. of employees: 4
Market Focus: Marketing and Management Consultants
Trade Names:

Consulting Classifications:
X032 X117

Other Information:
Specializing in: Industry Studies, Industrial Market Research, Market Identification and Development and Small Business Development.

C.D. JOHNSON & ASSOCIATES LTD.
56 Sparks St., Suite 511
Ottawa, Ontario
K1P 5A9

Contact: C.D. Johnson, President

Tel: (613) 238-6069
No. of employees: 12
Market Focus: Service
Trade Names: C.D. JOHNSON & Associates Ltd (J & A)

Product Classifications:
B000 (N/P) O002 (N/P)

Other Information:
Specialize in depot repair of computer/communications equipment and peripherals, i.e. board repair of Apple, Commodore, Nelma microcomputers, CRT printers and Winchester Disk Drives, modems, data sets and automatic dialers.

JOHNSON COMPUTER SOFTWARE TEAM LIMITED
3080 Young Street
Suite 5012
Toronto, Ontario
M4N 3N1

Contact: Dr. David Johnson, President

Tel: (416) 487-3631
No. of employees: 7
Market Focus: Advertising Agency Computer Software
Trade Names:

Software Classifications:
T004 T096

Consulting Classifications:
X096

Other Information:
Specializing in: Advertising Agency Control Systems (media control systems, financial control systems), and Operating Systems Utilities (batch control systems, on-line control systems, and operator enquiry/tuning system).

JOHNSON CONTROLS,SYSTEMS ENGINEERING AND CONTRUCTION DIVISION
450 Esna Park Drive
Markham, Ontario
L3R 1H5

Contact: Mr. Frank Emerson, Account Executive

Tel: (416) 494-1575
No. of employees: 889
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X107

Other Information:
Offers: Real-time and Process Contol and Systems Programming.

JOMAR COMPUTER SYSTEMS
45 Park Wood Drive
Cambridge, Ontario
N1S 3K9

Contact: Mr. John C. Blasman, Manager

Tel: (519) 621-3050
No. of employees: 3
Market Focus: Office Automation, Records and Materials Management and EDP & Systems Planning
Trade Names:

Consulting Classifications: X004 X032 X037 X107 Z001

Other Information:
Specializing in: Management and upgrading of the Office Service, Records Management, Inter-office Mail and Equipment Planning.
Education: Curriculum development and integration of Business and EDP courses with same computer based applications for computer literacy and accelerated programs in secondary schools, Community Colleges and Universities.

K G CONSULTING LTD.
204-560 Johnson Street
Victoria, British Columbia
V8W 3C6

Contact: Mr. Raymond G. Ginnever

Tel: (604) 386-5433
No. of employees: 6
Market Focus: a)Financial analysis software for professionals
b)Evaluation of R&D projects for financial viability
Trade Names: Accountant I - software, Murbanal - software

Software Classifications:
S010 T004 T023 T037 T091 T097 T132

Consulting Classifications:
X004 X023 X037 X044 X046 X091 X097 X107 X132

Other Information:
Specialize in custom design of microcomputer hardware and software systems to provide professional analysis to executives.

Proprietary software: "Accountant 1" - microcomputer package to run under CP/M, designed to prepare financial working papers to support financial statement accounting figures. Developed to CICA standards.

K R M Consulting Limited
325 Richmond Street
Richmond Hill, Ontario
L4C 3Z2

Contact: Mr. Ken R. McKeown, President

Tel: (416) 884-9697
No. of employees: 6
Market Focus: Financial Management, Administration Procedures and Corporate Income Taxes
Trade Names:

Consulting Classifications:
X004 X037

Other Information:
Specializes in: Financial Management - accounting systems review, implementation and supervision; systems conversions ; budgeting, cash flow management; financial proposals, costing systems; inventory management and credit control.
Employment Agency (holds Ontario license) - placement of personnel, temporary help.
Administration Services - systems paper flow; staff reorganization;
Corporate and Personal Income Tax - advice on tax matters and preparation of complex income tax returns.

K S O SALES AGENCY LTD.
1262 Don Mills Rd., Unit #72
Don Mills, Ontario
M3B 2W7

Contact: Mr. Olaf Trunzer, President

Tel: (416) 441-2869
No. of employees: 1
Market Focus: Sale of electronic data processing equipment
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (35%) W004 (30%) W005 (30%)
W006 (30%) W008 (30%) W011 (30%)
W012 (100%) W014 (30%) W015 (30%)

Software Classifications (Distributed):
T004 T037 T046 T066 T074 T100
T102 T105 T120

Other Information:
Specialize in sale and installation of total systems (hardware & software).
Applications marketed;- customs brokerage houses, freight forwarders, general accounting, municipal governments, structural and civil engineering firms.

KALON & CO. INC.
1305 Sheridan Mall Parkway
Suite 702
Pickering, Ontario
L1V 3P2

Contact: Mr. Rob McMenemy

Tel: (416) 831-1998
No. of employees: 6-8
Market Focus: Financial Systems
Trade Names: N/A

Software Classifications:
T004 T085 T094

Consulting Classifications:
X004 X009 X016 X037 X039 X044
X046 X085 X094 X107 X120

LORNE KASTNER
1 Fountainhead Rd.
Apt. 1703
Downsview, Ontario
M3J 1K6

Contact: Mr. Lorne Kastner, Independent Contractor

Tel: (416) 661-0018
No. of employees: 1
Market Focus: Hospital and Banking Loan Systems
Trade Names:

Consulting Classifications:
X004 X047 X107

Other Information:
Contract programming, systems ananlysis and EDP project management

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KEARNEY MANAGEMENT CONSULTANTS
20 Queen St. W.
P.O. Box 10
Toronto, Ontario
M5H 3R3

Contact: Mr. D.F. Ainslie,

Tel: (416) 977-6886
No. of employees: 12
Market Focus: Management Systems, Engineering and Facilities Planning, Hardware and Software Evaluation
Trade Names:

Consulting Classifications:
X004 X032 X037 X047 X070 X107
X117 X132

Other Information:
Specializing in Consulting areas such as: Planning, Systems, Operations Research/Management Science, Finance, Operations, Marketing, Personnel, Quality and Logistics.

KELCEE AND ASSOCIATES INC.
Box 69, Port Credit Postal Station
Mississauga, Ontario
L5G 4L5

Contact: Mr. Robert E. Griffith

Tel: (416) 271-0809
No. of employees:
Market Focus: Health, office of the future, video communications
Trade Names: Kelcee and Associates Inc. (operated before as Kelcee Communications Inc.)

Software Classifications:
T096

Other Information:
Audisee Video System allows transfer by telephone (for example) of high resolution black and white or colour pictures - graphs, technical drawings, X-rays, remote instrument reading, repair of parts, weather charts etc. Company produces systems which will permit transmission of full-motion video pictures, as well as still-frame video systems.

Company is also a dealer for Wilk Engineering and Video Precision line of products, including: video and autio routing and switching equipment; all video components for broadcast; character generators. Also special digital/computer/video interfacing.

KENDRICK, CLARKE INC.
100 Lombard St., Suite 304
Toronto, Ontario
M5C 1M3

Contact: Mr. Ken Clarke Jr., Vice-President

Tel: (416) 864-0555
No. of employees: 21
Market Focus: Insurance Industry
Trade Names: Kaysea Insurance Systems

Software Classifications (Distributed, produced, endproduct):
R001 T004 T054 T120

Consulting Classifications:
X054

Other Information:
Specialize in data processing and information systems for insurance industry.

Systems include: IBM System 34 -
Broker/agency Management,
Policy - agent to company exchange (ACE)
IBM system 23 - Broken Agency Management
IBM System 38 - Life Company
IBM Personal Computer "Pathfinder" -
Broker Agency Management.

KERR VAYNE SYSTEMS LTD.
108 Carnforth Road
Toronto, Ontario
M4A 2L4

Contact: Mr. Ian M. Kerr

Tel: (416) 751-0461
No. of employees: 5
Market Focus: custom, real-time software for mini & micro computers
Trade Names: N/A

Software Classifications (Produced, endproduct):
T093 T096 T117

Consulting Classifications:
X093 X096 X117

Other Information:
Specialize in specifying, designing and implementing custom, real-time software for mini and microcomputers, and consulting to clients with problems in this area. Most customers are either broadcasters, or suppliers of automated broadcast equipment.

KEYSOFT INTERNATIONAL LIMITED
8111 Yonge St., Unit #4
Thornhill, Ontario
L3T 4V9

Contact: Mr. I. Ehrlich, President

Tel: (416) 889-2173
No. of employees: 9
Market Focus: APL Consulting/Software
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (50%) W004 (100%) W005 (50%)
W006 (50%) W007 (100%) W008 (50%)
W010 (100%) W011 (50%) W012 (100%)
W014 (50%) W015 (50%) W016 (100%)
O002 (100%)

Software Classifications (Distributed, produced, endproduct and embedded):
R001 R004 S001 S010 T004 T009
T037 T070 T074 T091 T094 T100
T102 T105 T120 T132

Consulting Classifications:
X004 X006 X009 X023 X037 X044
X046 X054 X070 X074 X076 X085
X091 X094 X100 X102 X105 X107
X111 X117 X120 X132

Other Information:
APL specialists on micros, minis and mainframes. Offer specialty packages including; Graphics, FMT and File Functions for mainframes, Accounting Systems, Data Bases, File Control systems, Window Control Systems and MCM to IBM PC Conversion Systems.

KEYSTONE EDUCATIONAL DESIGN
51 Rainsford Road
Toronto, Ontario
M4L 3N7

Contact: Ms. Gillian Morris

Tel: (416) 691-5389
No. of employees: 3
Market Focus: Educational & training materials; self-directed computer delivered learning. CAI, CBT
Trade Names: N/A

Software Classifications (Produced, endproduct):
T020 T032 T046

Consulting Classifications:
X032 X046 Z001

Other Information:
Specialize in - research, scripting, production of CAI, CAL and CBT materials on any subject
- feasibility studies of proposed material or scripts
- 2 years experience with videotex - scripting and visual continuity through to production
- 300 pg interactive, device independent course on fundamentals of graphic design: 8 1/2" floppy, - tape casette - 5 1/4" disc.
Written and produced by Keystone, now available.

KINGSCROSS MANAGEMENT CONSULTANTS
Royal Bank Plaza
24th Floor
P.O. Box 11
Toronto, Ontario
M5J 2J1

Contact: Mr. L.G. Ebel, Senior Partner

Tel: (416) 224-2808
No. of employees: 22
Market Focus: Acquisitions and Mergers, Commerical Feasibility Analysis and General Management Counsel
Trade Names:

Consulting Classifications:
X032 X037 X047 X117 X120 X132

Other Information:
Employs consultants with professional training in Finance, Economics, Industrial Engineering, Marketing, Data Processing, and Management Science.

LEQ DATA LOGGING LIMITED
175 Advance Blvd., Unit 12
Brampton, Ontario
L6T 4J1

Contact: Bren Brownlee, President

Tel: (416) 791-3440

No. of employees: 3
Market Focus: Industrial hygiene departments in industry
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (100%)

Software Product Classifications (Produced, endproduct):
T006 T016 T023 T044 T046 T047
T081 T102 T105 T111 T117

Consulting Classifications:
X006 X016 X023 X044 X046 X047
X081 X102 X105 X111 X117

Other Information:
Design, develop and manufacture DL-600 Data Logger with appropriate software for detailed analysis of data from accoustic and toxic gas data loggers in industry. Versatility of the DL-600 is to be increased with additional hardware and software to analyse additional parameters required by industry.

LAMB, GUAY Inc.
60 Bloor Street West
Suite 500
Toronto, Ontario
M4W 1E9

Contact: Mr. L.C. Bosanquet,Vice-president

Tel: (416) 964-4795
No. of employees: 14
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X106 X130

Other Information:
Areas of specialization: Wood Products, Energy, Food and Food Services and Pulp and Paper.

LAMOURIE DATA PRODUCTS
154 Cottonwood Crt.
Thornhill, Ontario
L3T 5X1

Contact: Mr. Len Lamourie, National Sales Manager

Tel: (416) 881-5080
No. of employees: 6
Market Focus: Data & word processing
Trade Names: Enviro shield dust cover

Product Classifications (Cdn. Content %):
B000 (100%)

Other Information:
Manufactures numeric keypads and vinyl terminal and printer dust covers. Also distributes microprocessor controlled equipment.

LANSDOWNE CONSULTING GROUP
384 Bank Street
Ottawa, Ontario
K2P 1Y4

Contact: Mr. M.B. Darch, President

Tel:
No. of employees: 10
Market Focus: Project support consulting, automated systems for technical personnel, system development using structured approaches, cost avoidance techniques
Trade Names: N/A

Consulting Classifications:
X037 X044 X107 X117

Other Information:
Specialize in:
1) LOGISTICS SUPPORT SERVICES - Reliability and Maintainability - Life Cycle Costing - Logistics Support Analysis and Policy Development - Support Systems for Medium to Large Projects.

2)SYSTEM DEVELOPMENT - Programming Services - Turnkey System Development - Advanced Research and Development of Integrated Systems - Systems Analysis, Design and Definition.

3) PRODUCTS - Training Courses (Reliability and Maintainability, Life Cycle Costing, Software Development, Software Specification) - Costing Programs for Large Systems (GEAC Host) - Graphics & Text Automated Publications (GEAC Host) - Multi-station Technical Automated Systems (GEAC Host) - "Gateway" Data Access Systems, including Telidon CompatibleSystems (GEAC Host).

LAURENCE GORDON ASSOCIATES
16 Mistflower Road
Willowdale, Ontario
M2H 3G9

Contact: Mr. Brian Lechem, President

Tel: (416) 496-2450
No. of employees: 3
Market Focus: Corporate Consultancy and Use of Capital Resources
Trade Names:

Consulting Classifications:
X037 X117 X132

Other Information:
Areas of Specialization: Corporate Consultancy, Strategic/Long Range Planning, Organization & reorganization, Turn-round situations, Use of Capital Resources, and Total Project Management & Control.

O.P. LAVIN AND ASSOCIATES
P.O. Box 296, Station A
Kingston, Ontario
K7M 6R2

Contact: Mr. Owen Lavin, President

Tel: (613) 389-6257
No. of employees: 2
Market Focus: Mineral exploration software tools
Trade Names: Q'GAS

Product Classifications (Cdn. Content %):
O002 (100%):

Software Classifications (Distributed, produced, endproduct):
T080 T102 T105

Consulting Classifications:
X080 X102 X105

Other Information:
Provide software and software support, as well as consulting and contract services to organizations involved in geological and mineral exploration.

Proprietary Software Products: Q'GAS - package of computer programmes for storage, retrieval, manipulation, display, and statistical analysis of geochemical data. Also has applications in petroleum, environmental studies, and forestry.
DHP - package of computer programmes for storage, retrieval, manipulation, display, and analysis of drill hole data. Can display traces of drill holes at any scale from any view angle as well as allow display and dynamic regrouping of assay data.
PEVAL - calculates and displays economic analysis of a mineral property, given characteristics of the deposit and estimates of economic parameters.

LEIGH INSTRUMENTS LTD.
2680 Queensview Drive
Ottawa, Ontario
K2B 8J9

Contact: Mr. Kenneth F. Gibson

Tel: (613) 820-9720

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
D008 (N/P) F002 (N/P)

Other Information:
Products: OCR; Teleprinters; Printers

PETER LEIGH-BELL & ASSOCIATES LTD.
1302 Dunbar Road
Burlington, Ontario
L7P 2J9

Contact: Mr. Peter Leigh-Bell

Tel: (416) 634-0012
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T070 T102

Consulting Classifications:
X032 X037

Other Information:
Specializes in: Use of operational analysis and application of information science in electronic data processing systems. Offers seminars on information science.

LEMMEX & ASSOCIATES LTD.
340 MacLaren St.
Ottawa, Ontario
K2P 0M6

Contact: Mr. R.E. Sullivan, Manager - Consulting Marketing

Tel: (613) 232-4600
No. of employees:
Market Focus: Professional Contracting, Procurement and Material Management Services
Trade Names:

Consulting Classifications:
X037 X132 Z001

Other Information:
Specializing in: Procurement Consulting, Studies and Reports, Procurement and Negotiation Training, and Computer Contracting and Negotiation Services.

THE LEVY-COUGHLIN PARTNERSHIP
2 St. Clair Avenue East
Suite 1402
Toronto, Ontario
M4T 2T5

Contact: Dr. Steven Levy, Partner

Tel: (416) 961-8852
No. of employees: 4
Market Focus: Recreation and Culture Information and Employment/Labour Evaluation
Trade Names:

Consulting Classifications:
X032 X047 X117 X132

Other Information:
Provides a full range of consulting and research service in the public policy arena. Projects have included those dealing with lotteries, children, the handicapped, libraries, Children's Aid Societies, organizational development and evaluation, recreational master planning, information system development and systems analysis.

LIMICON INC.
144 Hampton Avenue
Toronto, Ontario
M4K 2Z1

Contact: Mr. Jerry Waese, President

Tel: (416) 465-4058

No. of employees: 1
Market Focus: To develop computer graphics software and systems based on the NAPLPS 709 code (enhanced Telidon). Low-cost systems with wide industrial and educational markets are our targets.
Trade Names: GraphEase and TELECALC II

Product Classifications (Cdn. Content %):
W002 (90%)

Software Classifications (Distribution, production, endproduct, embedded):
T019 T020 T032 T039 T081 T096
T100 T111 T117

Other Information:
Produce NAPLPS 709 page creation systems, a coding structure which stores, transmits and defines high-quality graphics pictures in very few Bytes. (Telidon is now called NAPLPS 699). GraphEase is a flexible page creation upgrade which runs on microcomputers with 32K memory or more. It is ideal for fashion design, interior decorating, electronic publishing, audio-visual, advertising and television industries. (Lowest price full NAPLPS 709 system). TELECALC II turns VisiCalc print files into full-colour NAPLPS coded graphs and charts automatically.
Distributes graphic systems and displays.

LINEAR TECHNOLOGY INC.
P.O. Box 489, Station A
Burlington, Ontario
L7R 3Y3

Contact: Mr. R.G. Simpson,
Vice-President, Marketing & Sales

Tel: (416) 632-2996
No. of employees: 110
Market Focus: Silicon Monolithic, integrated circuits
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
Specializes in design and manufacture of silicon monolithic integrated circuits for low-voltage, micropower audio applications. Capabilities include circuit design and computer circuit analysis, masking and wafer fabrication, packaging and automatic testing of bi-polar integrated circuits.

Products include 1) Linear Monolithic Integrated Circuits, 2) Custom and Semi-Custom Linear Monolithic Integrated Circuits, and 3) Miniature Modular Amplifier Assemblies.

Over 90% of production is exported to the U.S., Europe and the Far East.

LINNELL & ASSOCIATES
1218-545 The West Mall
Etobicoke, Ontario
M9C 1G6

Contact: Mr. John T. Linnell, President

Tel: (416) 621-7949
No. of employees: 3
Market Focus: Energy management and control systems
Trade Names: Linnell & Associates

Product Classifications (Cdn. Content %):
W016 (98%)

Software Classifications (Distributed):
T093 T102

Consulting Classifications:
X046 X093 X102

Other Information:
Provide consulting services in engineering and turnkey projects for energy management and power factor correction equipment in offices, plants and apartment buildings. Include software for computerized (microprocessor) control systems. Products designed and made in Canada.

LINTEX COMPUTER GROUP INC.
6 Lansing Square
Ste. 227
Willowdale, Ontario
M2J 1T5

Contact: Mr. David Pinto

Tel: (416) 496-0666
No. of employees:
Market Focus:
Trade Names:

Other Information:
15% Software development and balance consulting.

LOBCUS CONSULTING GROUP INC.
304-280 Albert St.
Ottawa, Ontario
K1P 5G8

Contact: Mr. Colin Griffiths

Tel: (613) 234-3482
No. of employees: 15
Market Focus: Government consulting
Trade Names: N/A

Consulting Classifications:
X004 X044 X046 X066 X067 X070
X074 X085 X095 X102 X105 X107
X117 X120 X132

Other Information:
Provide management consulting services to industry and government. Prime objective is to offer a comprehensive problem-solving capability for management in all aspects of informatics, including: planning, management, and control, related technology and its market demand, systems design and development, and systems application areas. Areas of specialization include: manufacturing, distribution, professional services, resource based industries, high technology, financial institutions, transportation, communications and government services.

LOGICAID LIMITED
97 Craig Henry Drive
Nepean, Ontario
K2G 3S8

Contact: Mr. Peter McWha, President

Tel: (613) 820-1517
No. of employees: 5
Market Focus: Business Automation
Trade Names: N/A

Software Classifications:
R001 R004 S007 S070 T004 T044
T046 T051 T068 T074 T076 T085
T093 T094 T095 T117 T120

Consulting Classifications:
X004 X044 X046 X051 X074 X076
X085 X095 X094 X107 X117 X120

Other Information:
Proprietary software:
D - Database Management System/Application Support System;
ZORT - Soft/Merge Utility;
PENQUIN - Automated Warehouse System;
YH, YL, and YZ - Communications Interfaces;
XREF - Automatic Documentation Production System.

LOGICAL APPROACH LIMITED
185 Bay Street
Suite 312
Toronto, Ontario

Contact: Mr. Lanny Smith, Partner

Tel: (416) 363-3505
No. of employees: 16
Market Focus: Hospital and Judicial Systems
Trade Names:

Consulting Classifications:
X004 X032 X037 X047 X107 X117
X132

Other Information:
Specializing in: General IBM systems programming with emphasis on large scale systems. Also specialize in C.I.C.S. and System 2000. Other mainframe hardware includes Honeywell, Univac (1108,1100/20,40,80) and H.P. 3000.
Branch Office: Edmonton.

LOGICAL DESIGN INC.
505 Consumers road, Suite 603
Willowdale, Ontario
M2J 4V8

Contact: Mr. David Eccles, General Manager

Tel: (416) 498-9209
No. of employees: 4
Market Focus: Contract programming services
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X016 X023 X037
X039 X044 X045 X046 X047 X050
X051 X054 X067 X070 X074 X076
X081 X085 X088 X091 X095 X096
X100 X102 X105 X107 X111 X113
X117 X120 X132

Other Information:
Specializes in providing clients with contract computer staff in areas of:
- project management
- systems analysis
- programming.

THE LOGICAL WRITING & PUBLISHING CO. LIMITED
10 St. Mary Street
Suite 401
Toronto, Ontario
M4Y 1P9

Contact: Mr. William Gadsby

Tel: (416) 968-1439
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X037

Other Information:
Offers a complete service in the planning, design, writing, editing and production of procedures manuals and all kinds of systems documentation.

LOUIS MAGGI SYSTEMS CONSULTING
76 Brookmill Blvd.
Scarborough, Ontario
M1W 2K5

Contact: Mr. Louis Maggi

Tel: (416) 491-6193
No. of employees: 2
Market Focus:
Trade Names:

Software Classifications:
T004

Other Information:
Specializing in: Database-Data Communications Systems. Emphasis on System 2000 Data Base Management System and CICS T.P. Monitor.

LUMITROL LTD.
5 Walker Ave.
Toronto, Ontario
M4V 1G3

Contact: Mr. Bruce Whitehead, President

Tel: (416) 921-6060
No. of employees:
Market Focus: Theatre and Television Lighting
Trade Names:

Consulting Classifications:
X096

Other Information:
Distributor, Manufacturer, Consultant - Design of dimming systems and stage/studio facilities for use in schools, cable T.V., broadcast T.V., theatres, electrical contractors, cinemas and the music industry.

G. W. LYNCH CONSULTANTS INC.
P.O. Box 296
Station A
Hamilton, Ontario
L8N 3C5

Contact: Mr. George W. Lynch, President

Tel: (416) 648-0277
No. of employees: 2
Market Focus: Health Consultants
Trade Names:

Software Classifications:
T105

Consulting Classifications:
X047 X102 X105

Other Information:
Specializing in: Design and analysis of surveys and evaluation studies. Design and analysis of experiments. Statistical analyses, including use of statistical packages such as BMDP,SPSS. Information storage and retrieval on computers.

LYNX TECHNOLOGY INC.
3880 Chesswood Drive
Downsview, Ontario
M3J 2W6

Contact: Mr. Stephen J. Jefferies, Vice President, Marketing & Sales

Tel: (416) 638-4875
No. of employees: 9
Market Focus: OEM's of computers (PC) word processors that use floppy disk drives, and third-party repair depots (dealers).
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (93%) M002 (93%)

Other Information:
Manufacture computer support equipment:
1) MODEL 400 - Advanced Floppy Drive Alignment Tester, designed for primary use in field service, bench areas, and Q.C. lines of inspection, requiring all major adjustments on floppy drives.
2) MODEL 450 - Floppy Drove Exerciser, provides standard exerciser functions for all I/O systems compatible with industry standards, on 5" and 8" drives.
3) MODEL 460 - Floppy Drive Alignment Tester & Exerciser, performs the combined functions of MODELS 400 and 450.

PAUL LYONS & ASSOCIATES
429 Mount Pleasant Road
Toronto, Ontario
M4S 2L8

Contact: Mr. Paul Lyons, Partner

Tel: (416) 484-4119
No. of employees: 5
Market Focus: Management of Systems Implementation, and Strategic Planning for Office Automation
Trade Names: Procedures Plus

Consulting Classifications:
X032 X037 X047 X117 X120 X132

Other Information:
Services range from training of staff and streamlining office procedures to the implementation of sophisticated computer support systems and advanced office technology including micrographic, word processing, communications and copying systems.

M & M CONSULTING
2173 Mount Forest Drive
Burlington, Ontario
L7P 1H6

Contact: Mr. Martin Musters, President

Tel: (416) 639-3079
No. of employees: 4
Market Focus: Inventory Control, Accounting and Order Processing/Billing
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X004 X032 X107

Other Information:
Specializing in: Education (an Introductory Computer Language suitable for use at the Secondary School level), Finance, Inventory Control, Order Processing/Billing,Accounting/Financial, Information Retreival and Systems Conversions.

M.A. SYSTEMS (CANADA) LTD.
284 Queen Street East
Brampton, Ontario
L6V 1C2

Contact: Mr. H. Forrest, Vice-president

Tel: (416) 451-9100
No. of employees: 20
Market Focus: Manufacturing and Financial Systems
Trade Names:

Consulting Classifications:
X004 X107 X132

Other Information:
Specializing in: ICL System Ten/S25 hardware and software products. Installation, modification and support of the Small Factory Systems package. Application Software product validation. IBM System 34 hardware and software products.

M A E MICRO SYSTEMS INC.
4058-A Jean Talon Street West
Montreal, Quebec
H4P 1W1

Contact: Mr. Krish Blake, President

Tel: (   ) 341-1210
No. of employees: 9
Market Focus: Software houses
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (75%) W011 (60%) W006 (80%)
W014 (65%) I000 (75%) O003 (55%)
O002 (90%)

Other Information:
Distributes microcomputers, printers, disk drives, and terminals.

M A I CANADA LTD.
691 Denison Street
Markham, Ontario
L3R 1B8

Contact: Mr. Hal Shaw, Sales Representative

Tel: (416) 475-6030
No. of employees: 340
Market Focus: Turnkey data/word processing systems
Trade Names: Basic Four information systems

Product Classifications (Cdn. Content %):
B001 (70%) B003 (70%) B005 (70%)
F002 (70%) G001 (70%) G002 (75%)
G003 (65%) H001 (60%) I000 (50%)
J001 (80%)

Software Classifications (Distributed, produced, endproduct):
R004 S001 S007 S010 T004 T006
T009 T016 T023 T039 T046 T047
T050 T051 T054 T066 T074 T076
T085 T088 T095 T096 T097 T111
T117 T120

Other Information:
Packaged software products designed to automate the following applications on turnkey basis - construction/contractors, healthcare, pharmacy, education, municipalities, public utilities, printers, associations, credit unions, lawyers, trucking/warehousing garment/textiles, distributors, manufacturers, word processing and office automation.

MCL BUSINESS COMPUTERS
Suite 500
180 Attwell Drive
Rexdale, Ontario
M9W 6A9

Contact: Mr. Les Sperinck, Manager

Tel: (416) 675-3720
No. of employees: 40
Market Focus: Business Computers and Management Consulting
Trade Names:

Consulting Classifications:
X004 X037 X107 X117

Other Information:
Offices in: Montreal, Moncton, Halifax, Fredericton and St. John's. MCL is an OEM for Hewlett Packard Hardware - maninly HP 250 in Ontario. Offers three main software application packages in Ontario: General Accounting, Manufacturing and Fleet Management. Will install on Turnkey basis.

M I S CONSULTANTS
25 Adelaide St. E. Suite 820
Toronto, Ontario
M5C 1Y2

Contact: Mr. Eric Winters, President

Tel: (416) 863-9714
No. of employees: 6
Market Focus: N/P
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (100%) W004 (75%) W005 (100%)
W006 (100%) W007 (100%) W008 (100%)
W011 (75%) W012 (100%) W013 (100%)
W014 (50%) W015 (100%) W016 (N/P)

Software Classifications (Produced, endproduct):
R001 R004 S001 S010 T004 T020
T023 T032 T039 T054 T064 T066
T067 T074 T076 T085 T088 T094
T095 T100 T111 T120

Consulting Classifications:
X004 X023 X044 X046 X064 X066
X076 X086 X088 X120

Other Information:
Specialize in software design and modifications for first time users of Micro's and Mini's and evaluation and recommendation of hardware & software products which are available in the market place.

MLPI BUSINESS SYSTEMS INC.
3761 Victoria Park Ave.
Toronto, Ontario
M1W 3S2

Contact: Mr. G. Langdon, President

Tel: (416) 494-3600
No. of employees: 20
Market Focus: Word Processing, Municipality Systems, Property Management and Distribution
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X004 X107 X120 Z001

Other Information:

MPB TECHNOLOGIES INC.
1725 North Service Road,
Trans Canada Highway
Dorval, Quebec
H9P 1J1

Contact: Mr. R. J. Clark, Assistant Vice-President, Digital Technology

Tel: (514) 683-1490
No. of employees: 35
Market Focus: High Technology products, contract R&D and Consulting Services
Trade Names:

Product Classifications (Cdn. Content %):
B005 (N/P) C001 (N/P) C002 (N/P)

Other Information:
Specializes in experimental, theoretical and developmental work and manufacturing in digital display and information technology, electromagnetic and microwave research and instrumentation, lasers and laser applications, and energy technology - analysis, diagnostics, instrumentation and control.

Products include:
1) Graphic systems and accessories for television broadcast applications,
2) NTSC encoders, video sampling, digitizing and composition systems,
3) Quality electronic graphic systems for business and science applications,
4) Custom systems and terminals for supervisory controls and data recording,
5) Communications operator CRT display positions for routing of overseas telex,
6) CO2 and FIR lasers/waveguide lasers/iodine lasers/laser accessories,
7) High intensity light sources for marine and area lighting applications,
8) Special radar systems and millimeter wave instrumentation.

M P S MANAGEMENT & PLANNING SOFTWARE GROUP INC.
201 Consumers Road, Suite 201Willowdale, Ontario
M2J 4G8

Contact: Mr. H.K. Thadaney, President

Tel: (416) 491-4231

No. of employees: 16
Market Focus: Complete Service; Computer Software, Time-sharing services, consulting and education. Financial Planning, Decision Support Systems, Database Management Systems and Management Sciences Applications
Trade Names: M P S, M P S Management Consultants (Consulting)
- Apex Computing Resources (Time-sharing)

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Product Classifications (Distributed, produced, endproduct):
R001 S010 T006 T037 T044 T046
T047 T070 T091 T105 T132

Consulting Classifications:
X006 X016 X044 X046 X037 X070
X080 X091 X105 X107 X132

Other Information:
Specialize in software, consulting and education in Financial Modelling and Planning, Management Decision Support Systems, Corporate Planning and Data Base Management. Offer Management Science/Operations Research Applications in financial, petrochemical, oil and gas, airline, manufacturing and retail industries, and in Government.
Proprietary Software: 1) MPS-F (Modelling and Planning System - financial) 2) IDSS (Interactive Decision Support System) 3) PACS (Personalized Airline Crew Scheduler) 4) FEEDMIX (Least Cost Feed Formulation System) 5) ORACLE (Relational Data Base Management System)

M R S COMPANY LIMITED
2465 Cawthra Road, Main Floor Offices
Mississauga, Ontario
L5A 3P1

Contact: Mr. Alex Perklin, President

Tel: (416) 275-7656
No. of employees: 9
Market Focus: ?
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications (Produced, endproduct):
T004 T094

Consulting Classifications:
X004 X094

Other Information:
1) Produce Business (Accounting) software application packages specifically for the IBM system/34 and comparative size equipment (DEC PDP, etc.).
2) Offer consulting and custom programming services for a) Microcomputers (IBM PC/XT/Syxtem 23, Wang, and Hewlett-Packard), b) Minicomputers (IBM System 34, and DEC PDP 11 Series). Costing systems, etc., are included.
3) Specializes in Batch Processing Services - mailing lists, comprehensive direct mail marketing system, and keypunching and data entry services.

MS MANAGEMENT & SYSTEMS LTD.
35 High Park Avenue
Suite 1608
Toronto, Ontario
M6P 2R6

Contact: Mrs. Sarka Zapotocky, President

Tel: (416) 762-8578
No. of employees: 4
Market Focus: Retail Industry,
Import/Export Tax and Sales Analysis
Trade Names:

Consulting Classifications:
X004 X037 X054 X107 X117 X132

Other Information:
Specializing in: Systems and EDP Management - Complete range of Accounting and Financial Systems, Hardware/ Software Selection, Cost Estimating and Cost Control. Retail Industry - Management Consulting in all phases. Import/Export - Consulting in area of Commodity Taxation. Project Management, Systems Analysis and Design - Personnel Systems, Mortgage Systems and Conversions. Programming - Life Insurance Applications, and Custom Mailing Systems.

MSH & ASSOCIATES
19 Chipwood Crescent
Willowdale, Ontario
M2J 3X6

Contact: Mr. Hall, Senior Consultant

Tel: (416) 491-1639
No. of employees: 3
Market Focus: Management and Information
Systems Consulting
Trade Names:

Consulting Classifications:
X004 X107 X117 X132

Other Information:
Provides management and information systems consulting, design and development services to business, industry and government.

MSS/DP INC.
235 Yorkland Blvd.
Suite 300
Willowdale, Ontario
M2J 4W9

Contact: Mr. M. Rigby, President

Tel: (416) 499-3616
No. of employees: 6
Market Focus: Systems Development and
Management Consulting
Trade Names:

Consulting Classifications:
X004 X032 X107 X117

Other Information:
Specializing in all phases of Systems Development and Management Consulting, including Tailored Training Programmes and Productivity Monitoring Programmes.

MacDONALD DETTWILER & ASSOCIATES LTD.
Airport Executive Park
3751 Shell Road
Richmond, British Columbia
V6X 2Z9

Contact: Dr. Denis Connor, Vice-President

Tel: (604) 278-3111
No. of employees: 200 +
Market Focus: Digital electronic systems
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P) F004 (N/P) O003 (N/P)

Other Information:
Specializes in digital electronic systems, handling both digital circuit design and software programming. Most systems utilize minicomputers and/or microcomputers. Leading international supplier of Earth Resource and Meteorological Satellite Stations.

Products: Earth Resources Satellites Receiving and Processing Systems, Flight Operations Computer Systems; Meteorological Satellite Data Systems; Synthetic Aperture Radar Processors; and Film Image Recorder (Color Fire 240).

MacGILLIVRAY & CO.
390 Bay Street
Suite 2400
Toronto, Ontario
M5H 2R6

Contact: Mr. Mark I. Lebo, Manager

Tel: (416) 868-0122
No. of employees: 400
Market Focus: Financial Consulting
Trade Names:

Consulting Classifications:
X037 X132

Other Information:
Specializing in: Comprehensive Auditing, Financial Investigations, Municipal Accounting and Finance.
Branch offices in:Brampton, Hamilton, Burlington, Listowel, Goderich, Port Colbourne and St. Catherines.

MADSEN ELECTRONICS LTD.
2370 Speers Road
Oakville, Ontario
L6J 5B4

Contact: Mr. George Pay

Tel: (416) 825-0122

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Products:
Medical products microprocessor controlled audiometers.

MAININIX SERVICES
599 York Hill Blvd.
Thornhill, Ontario
L4J 3J5

Contact: Mr. David Sherman, Manager

Tel: (416) 889-7658
No. of employees: 1
Market Focus: Software programming and consulting to clients with the UNIX operating system
Trade Names: MAININIX SERVICES

Software Classifications (Produced, endproduct):
T032 (CAI for legal environment)

Consulting Classifications:
X032 X064 X066 X107

Other Information:
Develops CAI courseware and CAI software for legal education. Also develops CAI tools for education, including new course authoring languages and graphics.

K.O. MAIR ASSOCIATES LIMITED
145 Spruce Street
Ottawa, Ontario
K1R 6P1

Contact: Mr. R.E. Gervais, General Manager

Tel: (613) 238-7766
No. of employees: 25
Market Focus: High volume end users & OEM's in the educational, institutional, governmental and research areas for LSI ii based computers, as well as for specialized communications applications
Trade Names: II PAC

Product Classifications (Cdn. Content %):
B005 (80%) O003 (100%) O004 (100%)
W004 (80%) W005 (70%) W006 (70%)
W008 (70%) W011 (70%) W012 (70%)
W014 (70%)

Consulting Classifications:
X107

Other Information:
Manufactures and markets microcomputers, printers and COM equipment, disk, tape and memory devices, magnetic media and data communications equipment.

MALZER AND ASSOCIATES LTD.
300-209 Notre Dame Avenue
Winnipeg, Manitoba
R3B 1M9

Contact: Mr. Erwin J. Malzer, President

Tel: (204) 944-8235
No. of employees: 7
Market Focus: End User
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
S010 T004 T006 T044 T046 T054
T074 T096 T117 T120

Consulting Classifications:
X004 X006 X044 X046 X054 X070
X074 X085 X095 X096 X105 X107
X117 X120 X132

Other Information:
Specialize in:
1) turnkey systems, large public sector (mainframe) projects,
2) financial systems, payroll, school administration.

MANAGEMATICS LTD
193 Denison Street
Markham, Ontario
L3R 1B5

Contact: Mr. Murray Cass,
Secretary-Treasurer

Tel: (416) 474-0902
No. of employees: 2
Market Focus: Microcomputer business users
Trade Names: N/A

Software Classifications:
T004 T023 T074 T085

Consulting Classifications:
X004 X023 X070 X074 X085 X102
X105 X120 X132

Other Information:
Specialize in research and development in microcomputer packaged software. One package being distributed by Microlab (Chicago) - approximately 800 copies sold worldwide in twelve months. Services the construction/contracting and advertising industries.

MANAGEMENT COUNSEL INTERNATIONAL INC.
Tower "A"
Place de Ville
Ottawa, Ontario
K1R 5A3

Contact: Mr. E.P. Fitzgerald,
Vice-president

Tel: (613) 232-6156
No. of employees: 20
Market Focus: General and Financial Management, and Data Processing
Trade Names:

Consulting Classifications:
X004 X032 X070 X107 X117 X132

Other Information:
Specializes in: User needs Analysis, Systems Design and Specification, Equipment/Software Selection, Systems Training (in-house seminars), Laision Services with Regulatory Agencies, Gov't Incentives and Grant Application, Marketing Research and Product Profile Analysis, Product and Technology Marketing.

MANN TESTING LABORATORIES LTD.
80 Galaxy Blvd., Unit 10
Rexdale, Ontario
M9W 4Y8

Contact: Mr. John Martin, Vice President

Tel: (416) 675-3598
No. of employees: 30
Market Focus: Scientific community, government, hospital
Trade Names: N/A

Consulting Classifications:
X105

Other Information:
Specialize in scientific testing - trace organic analysis, specifically:
1) Identification of drugs and metabolites in body fluids
2) Purity analysis of compressed breathing gases
3) Identification and quantification analysis of organic pollutants in soils, water and air
4) Analysis of chemicals in food and food crops
5) Forensic sciences including accelerant detection in suspected arson cases, chemical identification, etc.
6) Consulting services
7) Contractual research and development services
8) Analytical method development
9) Computer Information Search and Retrieval service available; access to over 100 data bases containing several milling references.
Pure research - routine analysis - quality control.

MANTLE ASSOCIATES LIMITED
5 Harlowe Crescent
Nepean, Ontario
K2H 5N9

Contact: Mr. Bill Mantle, Consultant

Tel: (613) 828-7227
No. of employees: 2
Market Focus: Assisting high tech companies market their products.
Trade Names: N/A

Consulting Classifications:
X074 X120 X132

Other Information:
Specializes in high technology marketing and product launches; corporate launches; marketing and sales literature, communications consulting; design management; product naming and packaging; product positioning, and technical advertising.

MANUALS DYNAMICS
50 Hillsboro Avenue
Suite 2102
Toronto, Ontario
M5R 1S8

Contact: Mr. Dave Ashby, President

Tel: (416) 961-4948
No. of employees: 2
Market Focus:
Trade Names: Association of Records Managers and Administrators

Other Information:
Consulting in Manuals Management i.e. advising clients on the condition of their present documentation, reporting on how it might be improved, re-writing as requested, etc. Also education in this discipline: in-house courses are given for groups and off-site courses for the individual.

MARFLEET ASSOCIATES INC.
One St. Clair Ave. East., Suite 505
Toronto, Ontario
M4T 2V7

Contact: Mr. Brian Marfleet, President

Tel: (416) 923-3191
No. of employees: 4
Market Focus: Systems design for productivity improvement, cost control
Trade Names: N/A

Software Classifications:
R001 R004 S001 S007 S010 T016
T019 T037 T044 T046 T047 T051
T054 T068 T070 T076 T080 T085
T093 T094 T095 T105 T111 T117
T132

Consulting Classifications:
X004 X016 X019 X037 X044 X046
X047 X051 X054 X068 X070 X074
X076 X080 X085 X093 X094 X095
X105 X107 X111 X117 X120 X132

Other Information:
Specialize in clerical and production systems, information processing, and data base design for insurance, transportation, light manufacturing, paper converting and hospital administration industries.

MARLIN FIREARMS COMPANY, INDUSTRIAL DIVISION
1285 Richards Cres.
Oakville, Ontario
L6H 1R5

Contact: Mr. Court Wells, Regional Manager

Tel: (416) 844-9932
No. of employees: 850
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X047 X080 X117 X132

Other Information:
Specializing in: Employee Productivity, Waste Reduction and Accident Prevention.

MASTERCOM
39 Reid Manor
Toronto, Ontario
M8Y 2H9

Contact: Mr. Roger Dawson

Tel: (416) 236-2248
No. of employees:
Market Focus: Office Automation
Trade Names:

Consulting Classifications:
X107 X120

Other Information:
Specializing in: Integrated Electronic Office Information Communication Systems, Office Automation and End User Friendly Systems.

MATROX ELECTRONIC SYSTEMS LTD.
5800 Andover Avenue
Montreal, Quebec
H4T 1H4

Contact: Mr. Gerry Sullivan, Marketing Manager

Tel: (514) 735-1182
No. of employees: 160
Market Focus: OEM computer graphics
Trade Names: N/A

Product Classifications (Cdn. Content):
B000 (N/P) B005 (60%) C002 (90%)
C005 (90%) H001 (60%) I000 (90%)

Other Information:
Designs and manufactures complete custom designed microcomputer display systems. Pioneer in Raster scan computer graphics and manufactures a full line of video boards for micro and minicomputers, including alphanumeric, graphics, B/W and colour raster scan displays; a line of microcomputer systems based on 8-bit and 16-bit CPU's, with disk drives and disk operating systems, high resolution, intelligent colour alphanumeric and graphics terminals.

Exports over 95% of production, mainly to U.S., Western Europe and Japan.

Matrox products are sold in Ontario through Tracan Electronics Corp. (Mississauga and Ottawa).

MECHRON ENERGY LTD.
2437 Kaladar Avenue
Ottawa, Ontario
K1V 8B9

Contact: Mr. George Mayo, Sales Manager

Tel: (613) 733-3855
No. of employees: 45-80
Market Focus: Manufacturers energy systems
Trade Names: MECHRON

Product Classifications (Cdn. Content %):
B008 (N/P) M002 (87%)

Other Information:
Specialize in power systems for remote locations, designed to meet high quality energy-efficient customer demands (where no hydro facilities exist). Provide uninterruptible power systems for computer and other critical applications. Presently developing microprocessor controls for remote applications and industrial process controls.

MEGATEL COMPUTER CORPORATION INC.
150 Turbine Drive
Weston, Ontario
M9L 2S2

Contact: Mr. Peter Nelson, Director of Sales & Marketing

Tel: (416) 745-7214
No. of employees: 15
Market Focus: Single-board computers for OEM's and end users to world market
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P) B005 (80%) G003 (80%)
J001 (75%) W006 (50%) W011 (60%)
W012 (60%)

Software Classifications:
R001 R004 S007 S010 T004 T067
T094 T120

Other Information:
Specialize in computer hardware products. Manufacture special boards for large volume customers (marketed world-wide). Manufacture office systems (marketed locally). Carry in stock several standard single-board products.

MEMOTEC DATA INC. (DIVISION OF INTERNATIONAL SYSTCOMS LTD.)
4940 Fisher St.
Montreal, Quebec
H4T 1J7

Contact: Mr. Eric Baker, President

Tel: (514) 738-4781
No. of employees: 35
Market Focus: Interfaces for X.25 public packet switching data networks (PPSDNs).
Trade Names:

Product Classifications (Cdn. Content %):
O004

Other Information:
Manufactures and distributes the MPAC line of data concentrators, statistical multiplexers and packet assembler/disassemblers (PADs) giving users to access X.25 public packet switching data networks (PPSDNs), and offering flexibility of multiplexing up to 32 synchronous and asynchronous computer and terminal ports on a single X.25 network link.
The X.25 PPSDNs can also be used as a network medium for office of the future and electronic mail by creating X.25 local area network (LAN) with single access link to public switching networks.
MPACs also provide Telidon videotex terminals with a link to central computer information data bases using the X.25 PPSDNs.

Toronto, Atlanta and Denver branch offices.

MICOM CO.
5250 Ferrier St.
Montreal, Quebec
H4P 1L4

Contact: Mr. Stephen Dorsey, President

Tel: (514) 341-5680
No. of employees: 1400
Market Focus: office automation
Trade Names: MICOM

Product Classifications (Cdn. Content %):
J001 (80%) W008 (N/P) W012 (95%)
W015 (80%)

Software Classifications:
T066 T120

Other Information:
Specialize in Word/Information Processing Systems - word processing, records processing, Basic, mathematics, Asynch/Bisynch communications, infotex, spelling, and Miconet communication. Hamilton, Kitchener, London, Toronto, and Willowdale branch offices.

MICOS COMPUTER SYSTEMS INC.
1295 Eglington Avenue East
Mississauga, Ontario
L4W 3E6

Contact: Mr. J. Wayne Thompson, President

Tel: (416) 624-0320
No. of employees: 33
Market Focus: Business systems applications software
Trade Names:

Product Classifications (Cdn. Content %):
W005 (N/P) W006 (N/P) W011 (N/P)
W012 (N/P)

Other Information:
Sells business systems through distributors who specialize in applications software.
1) MICOS 100, 150, 200, 250-1 & 300 Business Systems - an upward compatible family of business systems.
2) MITEXT - a word processing system which includes an interface to the telex network for electronic mail.
3) SERVICE MANAGEMENT SYSTEM - a package of three modules: 1) Dispatch, B) Contracts, and c) Inventory Control

MICOS Peripherals (Div. of MICOS Computer Systems), sells and services add-on peripheral products, including Fujitsu and CDC disk drives and controllers from Emulex and System Industries to users of DEC, DATA General, Honeywell, Wang, Perkin-Elmer and Prime Computers.

Has sales andservice offices in Toronto, Ottawa, Montreal and Vancouver.

MICRO MEGABYTE
257 Crawford St.
Toronto, Ontario
M6J 2V7

Contact: Ms. Jane Faint, President

Tel: (416) 532-2532
No. of employees: 3
Market Focus: Business Microcomputer users
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 S010 T004 T037 T070 T074
T081 T085 T091 T095 T102 T105
T120 T132

Consulting Classifications:
X004 X037 X074 X085 X091 X095
X107 X120

Other Information:
Specialize in design of data base software for time management, accounting & billing, and design of educational and training products. Involved in long-range data base research and currently preparing publication on Data Base Management Systems to be published September, 1983.

MICRO WAYS
3231 Havenwood Dr.
Mississauga, Ontario
L4X 2M2

Contact: Ms. Nancy Tienhaara, Partner

Tel: (416) 624-8343
No. of employees: 2
Market Focus: Market research companies
Trade Names: DASH (Data & survey handling system)

Product Classifications (Cdn. Content %):
W012 (N/P)

Other Information:
Provide DASH software for market research companies - fully-integrated package for data entry, CATI (computer-assisted telephone interviewing), data analysis, and report generation, written in FORTRAN & ASSEMBLER. Runs on Data General Computers (American).

MICROCOMPUTER APPLICATIONS
P.O. Box 8241
Dundas, Ontario
L9H 5G1

Contact: Mr. Raj Bharani, Senior Staff Member

Tel: (416) 523-4810
No. of employees: 1
Market Focus: Software Engineering, microcomputer applications
Trade Names:

Software Classifications:
T102

Consulting Classifications:
X102

Other Information:
Provides consulting and software engineering services related to the application of microcomputers to small and medium-sized corporations.

THE MICROELECTRONICS CENTRE
5th Floor - Engineering Building
University of Manitoba
Winnipeg, Manitoba
R3T 2N2

Contact: Ms. Caroline Dabrus, Business Development Officer

Tel: (204) 261-9620
No. of employees: 18
Market Focus: Data acquisition systems
Trade Names: N/A

Software Classifications:
R004 T068 T093

Consulting Classifications:
X016 X044 X046 X066 X067 X068
X093 X102 X107 X113 X117 Z001

Other Information:
Specialize in:
1) Industrial Training - program of courses, seminars and workshops deigned to keep engineers, technicians and other professionals abreast of microelectronics technology.
2) Engineering Services - assistance in developing microelectronic-based products, systems, sub-systems, and processes. Services range from conducting technical feasibility studies for development projects to prototype design and production.
3) Research - both basic and applied. Projects being conducted in: Magnetic Bubble Memory; Speech Analysis and Synthesis; Biomedical Signal Processing; Robotics; Computer-Aided Design; and Data Acquisition System Architecture.

MICRONET LIMITED
1313 Hollis Street
P.O. Box 7066
Halifax, Nova Scotia
B3K 5J4

Contact: Mr. Peter Gregson

Tel: (902) 429-3024

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:

MICROSTAR SOFTWARE LTD.
687 Mansfield AVe.
Ottawa, Ontario
K2A 2T5

Contact: Mr. R. Jordan, Vice President

Tel: (613) 722-7426
No. of employees: 0
Market Focus: Videotex applications on microcomputers for business
Trade Names: N/A

Software Classifications (Produced, endproduct):
R004 T044 T046 T117

Consulting Classifications:
X107 X117

Other Information:
Specializes in videotex applications on microcomputers. Microstar Videotex Interpreter allows access to Telidon data bases using IBM PC or IBM PC compatible microcomputers such as Columbia Data Products, Dynalogic Hyperion, etc. Other specialty areas are business graphics, electronic mail and office automation.

MICROWEST DISTRIBUTING LTD.
106 Donaghy Avenue
North Vancouver, B.C.
V7P 2L5

Contact: Ms. Susan E. Bertelsen, President

Tel: (604) 984-9191
No. of employees: 8
Market Focus: wholesale distribution to retailers
Trade Names: N/A

Software Classifications (Distributed):
R001 S010 T004 T085 T120

Other Information:
Wholesale distributor of third party computer software, books and magazines for the educational, recreational and business software retail industry.

MIKADON COMPU-SERVE
185 Clabet Street
Thunder Bay, Ontario
P7A 2M3

Contact: Mr. M. Kondakow, President

Tel: (807) 345-0706
No. of employees: 5
Market Focus: Industrial, medical, psychological, educational, military, space thecnology and government support services
Trade Names: Mikadon Computers, Mikadon Software, Mikadon Furniture Design

Product Classifications (Cdn. Content %):
B008 (80%) C005 (80%) I000 (50%)
M001 (100%) W002 (25%) W004 (30%)
W005 (70%) W008 (70%) W011 (30%)
W012 (30%)

Software Classifications (Distributed, produced, embedded):
R001 R004 S001 S007 S010 T004
T020 T032 T037 T047 T050 T064
T066 T068 T076 T088 T091 T093
T094 T095 T100 T102 T105 T120
T132

Consulting Classifications:
X006 X023 X032 X047 X050 X068
X093 X094 X102 X105 X107 X120
Z001

Other Information:
Specialize in 1) Design of peripherals, software complementary to IBM and APPLE microcomputers.
2) Small scale custom digital design for nuclear physics applications, lasers and acclerators, process control,scientific research,
3) Medical hospital software
4) Biomedical technology interfacing,
5) Computer furniture design development,
- customized computer based psychometric assessment
6) Automated vocational assessment.

MINDORFF AND ASSOCIATES
786 Princes St.
Kincardine, Ontario
N0G 2G0

Contact: Ms. Cynthia Mindorff, Secretary

Tel: (519) 396-2943
No. of employees: 2
Market Focus: Integrated software/business systems for professionals
Trade Names: The Ontario Optometrist, The Ontario Physician

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W008 (N/P)
W011 (N/P) W012 (100%)

Software Classifications (Distributed, endproduct):
S007 S010 T009 T047 T051 T076
T088 T102 T105

Consulting Classifications:
X102 X105 X107

Other Information:
Specialize in research and development of software which enables non-computer medical and technical professionals to use computer systems to increase their operating efficiency.

Proprietary software products: The Ontario Optometrist, The Ontario Physician.

MINEC LTD.
P.O. Box 126
Islington, Ontario
M9A 4X1

Contact: Mr. Andrew J. Freyman, President

Tel: 231-1060
No. of employees: 3
Market Focus: a) Youth, b) Medical Practice, c) Business
Trade Names: MEDIDATA

Product Classifications:
M001 (100%) W002 (0%) W007 (100%) W012 (100%)

Software Classifications (Distributed, endproduct, embedded):
R001 R004 S001 S007 S010 T004
T020 T032 T070 T074 T076 T080
T085 T102 T105 T132

Consulting Classifications:
X004 X032 X044 X070 X074 X076
X080 X085 X102 X105 X107 X132
Z001

Other Information:
Areas of Specialization:
1) Medical Market - Physician's office - "The Doctor's Information System",
2) Business & Economic Analysis,
3) Educational Programs.

MINI-PERIPHERALS INC.
2224 Innes Road
Ottawa, Ontario
K1B 4C4

Contact: Mr. Norman J. McKayo, President & G.M.

Tel: (613) 837-2410
No. of employees: 10
Market Focus: OEM Micro controllers
Trade Names: Glengarry Components

Product Classifications (Cdn. Content %):
W002 (100%) W016 (100%)

[illegible]tware Classifications:
T047 T050 T051 T068 T076

Consulting Classifications:
X068 X107

Other Information:
Specialize in Microprocessor Based Industrial Controllers; Microprocessor Based Message Handling and Public Display Systems; and Hospital Emergency and Admitting Documentation Systems.

MINICOM DATA CORPORATION
5075 Yonge Street, Suite 501
Willowdale, Ontario
M2N 6C6

Contact: Mr. Michael Diamond, Executive Vice-President

Tel: (416) 225-4209
No. of employees: 21
Market Focus: Software vendor and service bureau for property management, construction, and job costing
Trade Names: Minicom

Product Classifications (Cdn. Content %):
W002 (0%) W011 (0%) W012 (100%)
W014 (100%) O002 (100%)

Software Classifications:
T004 T023 T037 T097

Other Information:
Software vendor and service bureau in Property Management, Job Costing and Construction vertical markets. Current products include:
1) General Ledger, Financial Reporting, Payables & Disbursements;
2) Residential Property Management;
3) Commercial Property Management, including industrial, office and shopping centres;
4) Job Costing, including tenant construction, house building and major developments;
5) Commitment control;
6) Restaurant Management;
7) Furnished Suites - Hotel/Motel Management.
All systems are fully integrated, on-line and real time, with full documentation and support.

MINITRONICS OF CANADA LTD.
1440 Kingsway
Vancouver, B.C.
V5N 2R5

Contact: Mr. A. Bud Li-Lam, President

Tel: (604) 872-5814
No. of employees: 12
Market Focus: Microcomputer systems peripherals
Trade Names: Minitronics Computers, Minitronics Autosound

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W007 (N/P) W008 (N/P)
W011 (N/P) W012 (N/P) W014 (N/P)
W015 (N/P)

Software Classifications (Distributed, produced, endproduct):
R001 T004 T009 T023 T037 T039
T046 T066 T076 T085 T091 T100
T117 T120

Consulting Classifications:
X004 X074 X085 X107 X120 Z001

MIRA ELECTRONICS LIMITED
Box 2145, Stn B
Scarborough, Ontario
M1N 2E5

Contact: Mr. P.T. Rowe, V.P., Engineering

Tel: (416) 265-3020
No. of employees: 8
Market Focus: Any user of data communications
Trade Names: Mosinim, Phalanx, Mirabus

Product Classifications (Cdn. Content %):
B000 (95%) 0003 (95%) 0004 (95%)

Other Information:
Manufacture Data Communications Controllers - data encryptors; error detection and correction units; multiplexors; multipoint controllers; data compressors; intelligent printer/VDT buffers and controllers.

MISCOE DATA (a Division of Deyoung Holdings Ltd.)
6358 Viscount Rd.
Mississauga, Ontario
L4V 1H3

Contact: Mr. Clarence Deyoung, President

Tel: (416) 677-2745
No. of employees: 35
Market Focus: Third party service (Computer hardware maintenance)
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (100%)

Other Information:
Specialize in repair and maintenance of computer hardware.

MITEL CORPORATION
P.O. Box 13089
Kanata, Ontario
K2K 1X3

Contact: Dr. Michael C.J. Cowpland, President

Tel: (613) 592-2122
No. of employees: 4,600 (at 60 plants and sales offices)
Market Focus: Telecommunications products and semiconductor devices
Trade Names: N/A

Product Classifications (Cdn. Content %):
0003 (N/P) 0004 (N/P)

Other Information:
Designs, manufactures and markets telecommunications products including complete microprocessor controlled telephone switching systems.
Telecommunications products: converters, key system intercoms, toll denial systems, interface units, tone generators/receivers, specialized CO equipment, R2 signalling, PABXs (private automatic branch exchanges), special telephone handsets, voice/data terminals (KONTACT), satellite earth stations.
Micro-Electronic products: LSI (Large scale integrated(, and VLSI (very large scale integrated) circuits, and thick film hybrids.
Customers are mostly telephone companies, large distributors and OEMs.

Sales offices in Canada, the U.S., U.K., Ireland, Europe, Africa, Hong Kong, New Zealand and Japan.

MOBIUS SOFTWARE (1981) LIMITED
331 Cooper Street 2nd Floor
Ottawa, Ontario
K2P 0G2

Contact: Mr. Richard Moxley, Manager, External Services

Tel: (613) 238-4727
No. of employees: 40
Market Focus: Accounting Packages
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X037 X102 X107 X132

Other Information:
Specializes in Accounting Systems.

GORDON MOLNER AND ASSOCIATES
340 Woodlawn Road West
Guelph, Ontario
N1H 7K6

Contact: Mr. E.R. Pyatt, Director of Adiministration

Tel: (519) 821-3825
No. of employees: 25
Market Focus: Computer Software Applications
Trade Names: MOLNAR AND ASSOCIATES, M+ SOFTWARE, T.I.M.I.S., E.M.I.S., B.R.A.C.E.

Software Classifications:
R001 S007 S010 T004 T019 T020
T032 T044 T045 T046 T054 T067
T074 T085 T093 T094 T095 T120

Consulting Classifications:
X004 X019 X032 X044 X045 X046
X054 X067 X068 X074 X085 X093
X094 X095 X107 X120 Z001

Other Information:
Specializes in software applications for insurance companies, municipal governments, boards of education, chiroprators and metal fabricators.

MOMENTUM MANAGEMENT SYSTEMS INTERNATIONAL
INC/MOMENTUM SOFTWARE CORP
321 Bloor St. E.
Suite 815
Toronto, Ontario
M4N 1G9

Contact: Ms. Susan Owen, Associate

Tel:
No. of employees: (416) 927-1503
Market Focus: Software distribution and development
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications (distributed endproduct):
R001 R004 S001 S007 S010 T004
T020 T032 T051 T054 T074 T085

Consulting Classifications:
X004 X032 X046 X047 X051 X054
X074 X085 X107 Z001

Other Information:
Specializes in: Productivity Management and Human Resource Management.
Products include: "Touch and Learn"-Computer aided learning, "Hands On"-Authoring system, "Mega Base"-Data Base management.

MONITEQ LTD.
630 Rivermede Road
Concord, Ontario
L4K 1B6

Contact: Mr. David A. Whiteman, President

Tel: (416) 669-5334
No. of employees: 45 +
Market Focus: Environmental monitoring and remote sensing
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
INSTRUMENTATION Division develops electro-optical instruments from conception to final design. Applications involve aspects of monitoring trace environmental gases, industrial process gases and remote sensing of earth's resources.

APPLICATIONS Division provides services for processing and interpreting remotely sensed data from aircraft and satellites, with consulting services for implementation of remote sensing programs and air quality network management programs.

MANUFACTURING Division manufactures and markets commercial instruments developed by the company.

Products include - air quality monitors, visible and infrared remote sensors, visible and infrared spectroradiometers, water quality and depth mapping, and environmental data processing.

PETER MOON & ASSOC.
Suite 2101
372 Bay Street
Toronto, Ontario
M5H 2W9

Contact: Mr. J.H. Fisher, Director, Safety and Systems Mgmt.

Tel: (416) 363-7706
No. of employees: 4
Market Focus: Assessment centres, career planning, human factors/ergonomics, training
Trade Names:

Consulting Classifications:
X086 X130

Other Information:
Specialize in: assessment centres (selection & training needs determination), Job analyses (PAQ, and standard procedures), training program development, productivity/safety improvement programs, consumer product safety evaluations, ergonomic/human factors studies, career planning, career management seminars & workshops, relocation counselling, evaluation of psychological testing program, developmental disabilities - reading upgrading for semi-literates, stress reduction in dealing with addictions.

MOSAID INCORPORATED
P.O. BOX 13579
Kanata, Ontario
K2K 1X6

Contact: Ms. Susan Grant, Customer Relations

Tel: (613) 836-3134
No. of employees: 17
Market Focus: MOS RAM designer, semiconductor manufacturers
Trade Names: MOSAID 1000,MOSPLOT, MOSFIT

Software Classifications: (Endproduct):
T102 W012

Consulting Classifications:
X102

Other Information:
Specializes in: 1) Contract design of MOS memory devices. 2) Design analysis of leading MOS memory designs. 3) CAD Circuit Simulation Software capable of running on a microcomputer, VAX and Cyber. 4) Device Modelling Services.

MOSAID SYSTEMS INCORPORATED
P.O. Box 13579
Kanata, Ontario
K2K 1X6

Contact: Ms. Susan Grant, Customer Relations

Tel: (613) 836-3977
No. of employees: 5
Market Focus: Computer memory manufacturers and large users
Trade Names: SRT-1 DRAM Tester,SRT-1 SRAM Tester

Product Classifications (Cdn. Content %):
P001 (N/P)

Other Information:
Specializes in Byte Wide and DRAM Memory test equipment.

MULTIDATA SYSTEMS GROUP LTD.
131 Bloor Street West
Suite 400
Toronto, Ontario
M5S 1R1

Contact: Mr. Bill Bates,Managing Director

Tel: (416) 960-5435
No. of employees: 12
Market Focus: Management Consulting and Systems Design
Trade Names:

Consulting Classifications:
X003 X106

Other Information:
Currently selling "Answer", an management reporting package developed by Answer Systematik Ltd. of Ottawa.

MULTITEK INC.
2 Complexe Desjardins
Ste. 1516
Montreal, Quebec
H5B 1C6

Contact: Mr. Jean-Louis Gauvin

Tel: (514) 285-1122
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X007 X028 X120

Other Information:

N C R CANADA LTD.
117 Eglinton Avenue East
Toronto, Ontario
M4P 1J1

Contact: Mr. Peter Wilde, Sales Representative

Tel: (416) 484-6666
No. of employees: 3,000
Market Focus: N/P
Trade Names: N/P

Product Classifications (Cdn. Content %):
B001 (68.9%) B003 (66.9%) D006 (71%)
D008 (69.8%) F002 (56.8%) F004 (53.1%)
G001 (55.5%) G002 (57.8%) G003 (82.5%)
H001 (70.9%) I000 (60.1%) J001 (N/P)
K001 (66%) K002 (68.5%) M001 (90.6%)
M002 (74.5%) O002 (45.5%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T037 T046 T047 T050 T051
T054 T066 T074 T076 T080 T085
T088 T095 T096 T117 T120

Other Information:
Specializing in:
RETAIL - POS On-line Credit Inventory
MANUFACTURING - Interactive Manufacturing Control System
WHOLESALE/DISTRIBUTION - Canadian Industrial Distribution System
FINANCIAL - Automated Tellers, Item Processing
GOVERNMENT - Budgetary Accounting
EDUCATION - Budgetary Accounting
MEDICAL - Admission, Transfer, Discharge, Central Patient Index, Financial Applications

All supported centrally out of the Toronto office.

CLAUS NABERT
41 McCulley Street
Scarborough, Ontario
M1C 2B5

Contact: Mr. Claus Nabert

Tel: (416) 282-5593
No. of employees: 1
Market Focus: Office Automation
Trade Names:

Consulting Classifications:
X032 X102 X117 X120

Other Information:
Specializes in: 1) Acquisition of packages and systems. 2) Installation of word processing systems. 3) Planning for Office Automation. 4) Distributed Data Processing systems. 5) Videotex Issues and Implementation. 6) Cost optimization in DP.

NABU MANUFACTURING COMPANY
3761 Victoria Park Ave.
Scarborough, Ontario
M1W 3S2

Contact: Mr. Dwight Baycroft

Tel: (416) 492-1382
No. of employees: 800
Market Focus: Cable and Business Micro-based Computer Systems
Trade Names: Key-Edit

Product Classifications (Cdn. Content %):
B003 (80%) B005 (70%) D008 (65%)
J001 (80%) W002 (45%) W015 (45%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T037 T051 T051 T074 T085 T096
T097 T120

Other Information:
Specializes in: design, manufacture and marketing of cable and commercial computers, terminals, and systems; sale of data entry systems; provision of hardware maintenance; provision of software support services; sale of microcomputers, manufactured by other companies, through its Computer Innovations retail store network and direct sales force. The Nabu 1600 Business System is a 16-bit microprocessor based, multi-user, multi-tasking system supporting up to three terminals and a printer. The system utilizes a telephone interface for communications which can later form part of a cable-connected network. The Nabu 1600 utilizes the Xenix operating system. Available software packages include word processing, data base, multi-plan, financial, and optional COBOL, C, and Pascal programming languages.
Ontario branches: Guelph, Hamilton, Kingston, London, Ottawa, Sudbury and Toronto.

NANOTEC LIMITED
P.O. Box 610
One Heritage Square
Almonte, Ontario
K0A 1A0

Contact: Mr. Ben Stevens

Tel: (613) 256-1483
No. of employees:
Market Focus: Message Communications Equipment
Trade Names:

Other Information:
Manufactures and markets: NCOM - Automated message terminal which provides screen based message preparation and automatic transmission for Telex, TWX, and other networks. Equipped with self-contained to common carrier networks, both dedicated and dial-up. NETCOM - Private network store and forward message switch with capacities from 8 to 64 lines operating in dial-up enviroments.

NBTEL DATA
9 Peel Street
P.O. Box 1430
Saint John, N.B.
E2L 4K2

Contact: Mr. Jim MacFarlane

Tel: ( ) 693-1441
No. of employees: 71
Market Focus: Data Communications and Office Automation
Trade Names: DATAPAC, DATAROUTE, ENVOY 100, WANG OIS, WANG VS

Product Classifications (Cdn. Content %):
W002 (50%) W004 (50%) W005 (50%)
W006 (50%) W008 (40%) W011 (40%)
W012 (90%) W013 (50%) W014 (50%)
W015 (50%) W016 (50%)

Software Classifications:
T004 T039 T051 T085 T117

Consulting Classifications:
X004 X039 X051 X066 X085 X117
X120

Other Information:
Also specializes in servicing Data Communications Facilities - private line; circuit switched; packet switched. Electronic Messaging. Third party equipment maintenance.

NELMA DATA CORP.
5170A Timberlea Blvd.
Mississauga, Ontario
L4W 2S5

Contact: Mr. K. Thomas, Vice President Marketing

Tel: (416) 624-0334
No. of employees: 85
Market Focus: Office Automation products and systems
Trade Names:

Product Classifications (Cdn. Content %):
B005 (80%) H002 (78%) W001 (N/P)
W014 (47%)

Other Information:
Designs, manufactures and distributes high technology, office automation products and systems for the domestic and international markets.

Products include:
1) PERSONA - Professional Desk Top Microcomputer;
2) NDC 500 - Programmable Data Entry Terminal;
3) NDC 700 - Advanced ,multi-fuctional office automation work station;
4) NDC Series 1500 - Total information processing systems, from stand-alone with two minifloppies or a 5 Mb winchester plus 0.5 Mb floppy to a shared resource system with up to 16 VDT's and from 10 to 320 Mb of hard disk;
5) NDC 903 - 40 cps Daisywheel Printer and
6) NDC WORD 50 INFOTEX - CNCP Certified, Infotex Work Station.

Toronto, Ottawa, Montreal, Calgary and Vancouver branch office.

NETWORK TECHNOLOGIES UNLIMITED
Unit 647
53 McCaul St.
Toronto, Ontario
M5T 2W9

Contact: Mr. James Lemire, President

Tel: (416) 591-5433
No. of employees: 1
Market Focus: Data Communication System Design and Computer Network Design
Trade Names:

Product Classifications (Cdn. Content %):
0002 (N/P)

Consulting Classifications:
X037 X102 X117 X132

Other Information:
A complete data communications and computer network design service. Applications ranging from simple data collection to sophisticated message switching or real time process control systems are designed to suit your business needs.

NEUCOM COMPUTER SYSTEMS INC.
2 Bloor St. W.
Suite 100/298
Toronto, Ontario
M4W 3E2

Contact: Ms. Sandra Gordon, Vice-president, Marketing

Tel: (416) 921-1292
No. of employees: 13
Market Focus: EDP Auditing and Security Systems
Trade Names:

Software Classifications:
T000

Consulting Classifications:
X004 X032 X070 X102 X107 X132

Other Information:
Specializing in: Computer Documentation, Office Automation and Computer Security.

NEW AGE SOFTWARE
122 St. Patrick Street
Toronto, Ontario
M5T 2X8

Contact: Mr. Irving Jacobson

Tel: (416) 977-5585
No. of employees: 20
Market Focus:
Trade Names:

Consulting Classifications:
X107

Other Information:

NEW AGE WORD PROCESSING
31 Kenwood Avenue
Toronto, Ontario
M6C 2R8

Contact: Ms. Pearl Yaffee

Tel: (416) 653-9120
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X120 Z001

Other Information:

NEXUS COMPUTER CONSULTANTS INC.
2 Gloucester Street
Suite 202
Toronto, Ontario
M4Y 1L5

Contact: Mr.

Tel: (416) 923-7839
No. of employees: 4
Market Focus: Custom Software/Systems Management
Trade Names:

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications:
R001 R004 S010 T004 T006 T009
T016 T023 T039 T044 T045 T046
T047 T051 T054 T067 T074 T076
T080 T081 T085 T094 T095 T096
T097 T100 T111 T113 T117

Consulting Classifications:
X004 X006 X009 X016 X023 X039
X044 X045 X046 X047 X051 X054
X067 X074 X076 X080 X081 X085
X094 X094 X095 X096 X097 X100
X107 X113 X117

Other Information:
Specializing in: DEC VAX Series of Computers - Applications Software (custom, package modification), System Management.

NIAKWA MANAGEMENT SYSTEMS INC.
56 Aberfoyle Cres., 6th Floor
Toronto, Ontario
M8X 2W4

Contact: Mr. Klass Westera, V.P. Sales

Tel: (416) 231-9885

No. of employees: 20
Market Focus: Computer Systems - turnkey
Trade Names: Niakwa

Product Classifications (Cdn. Content %):
W002 (100%) W006 (0%) W008 (0%)
W011 (0%) W012 (100%) W014 (0%)
W015 (0%)

Software Classification (Distributed, Produced, endproduct):
T004 T066 T074 T085 T095 T120

Consulting Classifications:
X004

Other Information:
Specialize in software and service pertaining to public accounting, construction and home building, restaurant and general business accounting. Distributes minicomputers, microcomputers, and magnetic tape media.

NIXDORF CANADA LTD.
505 Consumers Road, Suite 102
Willowdale, Ontario
M2J 4V8

Contact: Mr. Gary Atkins, Sales Manager

Tel: (416) 498-7200
No. of employees: 14,760 world wide, 5,567 North America
Market Focus: Data entry, distributed data processing, P.C.M.M.
Trade Names: NIDOS/VSE, EDOS, DPEX

Product Classifications (Cdn. Content %):
B001 (68%) B003 (74%) D006 (69%)
D008 (68%) F002 (71%) F004 (74%)
G001 (74%) G002 (72%) H001 (N/P)
H003 (N/P) J001 (N/P) K001 (54%)
K002 (54%) K003 (54%)

Software Classifications (Distributed):
R001 R004 S001 S007 S010 T004
T009 T037 T044 T046 T074 T085
T095 T120

Other Information:
Specialize in: 1) data entry - all hardware, software
2) Plug-Compatible mainframes; IBM 4300 market
3) 3270 Terminals
4) Custom data entry applications (International transaction processing, payroll, parts inventory, national network).

NOMAD COMPUTER SYSTEMS CORPORATIONS
1840 Sunlife Place, 10123-99 Street
Edmonton, Alberta
T5J 3H1

Contact: Mr. Bill Marvel, President

Tel: (403) 420-1438
No. of employees: 7
Market Focus: CAD/D (Computer Aided Design/Drafting) software and system integration with plotters - digitizers
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (20%) W010 (40%) W012 (Variable)

Software Classifications (Distributed, produced, embedded):
T006 T019 T023 T037 T070 T102
T105 T117

Consulting Classifications:
X019 X102

Other Information:
Specialize in CAD/D for architectural, engineering and drafting needs. It is sold with IBM PC's, and contains approx. 65% Cdn. Content.

Also market specialized statistical and financial software packages (62% and 54% Cdn. Content respectively).

NOMIS COMPUTER SYSTEMS CORPORATION
502-124 O'Connor Street
Ottawa, Ontario
K1P 5M9

Contact: Ms. C. Whaley, Administrator

Tel: (613) 235-7245
No. of employees: 5
Market Focus: Industrial process controls
Trade Names: Nomis 11 and Nomis 21

Product Classifications (Cdn. Content %):
W002 (75%) B008 (80%)

Software Classifications (Produced, endproduct,embedded):
R004 T068 T093

Consulting Classifications:
X016 X068 X080 X093 X102 X107
X111

Other Information:
Specialize in production of supervisory control and data acquisition systems:
1) NOMIS 11 - remote controller with built-in PDP11/23 microcomputer to operate as standalone or networked;
2) NOMIS 21 - industrial I/O controller, based on 8085 microcomputer, operates networked with the NOMIS 11 or other host computer. These units provide optional digital and analog I/Os to fit the customer applications. They communicate via standard ASCII serial link (RS-232, 422 & 423) and can interface to standard DEC hardware via NOMIS RT or RSX drivers.
Provide custom systems design and software consulting services.
Distributes microcomputers.

NORCROSS CONSULTING LIMITED
954 Sadler Crescent
Ottawa, Ontario
K2B 5H7

Contact: Mr. Philip Norcross Gross, President

Tel: (613) 596-1702
No. of employees: 2
Market Focus: Management consulting, education services
Trade Names: N/A

Consulting Classifications:
X004 X044 X046 X066 X070 X074
X085 X094 X095 X102 X105 X107
X120 X132

Other Information:
Develop and implement policies, procedures and systems relating to effective and efficient management of resources of an organization, particularly management involving the application and effective use of new technologies, e.g. office automation.

NORPAK CORPORATION
10 Hearst Way
Kanata, Ontario
K2L 2P4

Contact: Ms. Anne McKague, Manager,
Information Services

Tel: (613) 592-4164
No. of employees: 200
Market Focus: Videotex Components
Trade Names: "MARK IV VIDEOTEX DECODER",
"IPS-2 INFORMATION PROVIDER SYSTEM"

Product Classifications (Cdn. Content %):
B005 (80%) C002 (80%) H001 (80%)

Software Classifications:
T096

Consulting Classifications:
X044 X076 X096 X107 Z001

Other Information:
Specialize in: 1) Videotex and teletext hardware, 2) graphics creation, and consulting, 3) Videotex graphics page creation services.

NORTHERN DYNAMICS LTD.
505 Consumers Road
Suite 204
Willowdale, Ontario
M2J 4V8

Contact: Mr. John Finch, President

Tel: (416) 492-8240
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X102 X132

Other Information:
Areas of Specialization:
Engineering: interactive finite element analysis on Tektronix screens with in-house plotting; application programs such as ANSYS, ASAS, PCA, CISC, POOGO, STRESS, etc.; affiliated with Westinghouse Systems and their extensive library of piping, mechanical, and structural programs executing on twin CDC 7600's.
Management Information and Control: interactive order entry, inventory control; complete accounting modules for GL, Accounts Receivable, Accounts Payable; arrow and precedence project management in an on-line enviroment; word processing.
Program Development: system access on 24 hrs/day, 7 day/week basis; virtual memory operationg systems; and conversion from all other major systems as required.

NORTHERN MEDICAL
P.O. Box 7101, Station E
London, Ontario
N2Y 4J9

Contact: Mr. John P. Strupat, Designer

Tel: (519) 451-6196
No. of employees: 3
Market Focus: Non-invasive medical monitors
Trade Names: N/A

Product Classifications (Cdn. Content %):
W016 (74%)

Software Classifications (Produced, embedded):
T050

Consulting Classifications:
X050

Other Information:
Designs and consults on pressure monitoring apparatus and micro-based, ventilation monitors for teaching and hospital industries.

NORTHERN TECHNOLOGIES LTD.
85 Torbay Road
Markham, Ontario
L3R 1G7

Contact: Mr. Rene Pardo, President

Tel: (416) 495-9123
No. of employees: 40
Market Focus: Computer terminals
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P) B005 (N/P) H002 (N/P)

Other Information:
Manufactures a wide range of video display terminals (CRT's), microcomputer boards, custom interfaces, cables, data cable assembly, wiring harnesses and other wiring products. Will do third party printed circuit board insertion, assembly and quality control.

Products:
1) VISION SERIES CRT's - "Soft", Intelligent CRT's using a multiprocessor architecture that allows protocols, featers and customizations to be programmed in high-level language to meet changing hardware and communications network needs.
2) XT SERIES CRT's - DEC-compatible Video Display Terminals: XT 51, XT 52 APL, ST 100 PLUS (replaces the most popular VT 100 emulator, the XT 100).
3) CABLE CONNECTOR HOUSINGS - colour-keyed connector covers incorporating redesigned restraint system. RFI/EMI shielded connector covers (metal covers with a shielded strain relief system that adapts to any size cable) have recently been introduced.
4) XTC BOARD - a multifunctional product that acts as a buffered send/receive (BSR) memory device for store-and-forward applications, a protocol converter, and a code converter.
5) CABLES - 100% quality tested data cables, round, ribbon and coax.

NORTHERN TELECOM LIMITED E.O.S. DIVISION (NTLEOS)
Suite 204, 200 Ronson Drive
Rexdale, Ontario
M9W 5Z9

Contact: Mr. Tom Hewetson, Ontario Government Marketing Representative

Tel: (416) 245-3120
No. of employees: 320 (in Canada)
Market Focus: Group - Telecommunications
EOS DIVISION - Information Processing (Data, Word & Voice) & Telecommunications
Trade Names: NORTEL

Product Classifications (Cdn. Content %):
B003 (70+%) B005 (70+%) J001 (70+%)
O003 (70+%)

Software Classifications (Embedded):
R004 S001 S010 T120

Other Information:
Specialization and Proprietary Software:

Distributed Processing; Office Automation; Telecommunications; Remote Job Entry; Remove Batch; 3270 - emulation; Voice & Data Communications; Microcomputers; Multi-tasking minicomputers; OMNITASK (Multi-Tasking Operating System); OMNIWORD (Word Processing Software); OMNIMAIL (Electronic Mail System); OMNILINK (Software to link NTL processors); SEDIT (SI/SPF Offline emulator).

Head office: 4 Place du Commerce, Nuns Island, Verdun, Quebec, H3E 1J4.
(514) 761-6111

Mr. Roger Gauthier (Marketing Director).

NORWAT EQUITIES LIMITED
P.O. Box 1148, 244 Water Street North
Cambridge, Ontario
N1R 6C9

Contact: Ms. Eleanor J. McArthur, Marketing Representative

Tel: (519) 622-2830
No. of employees: 30
Market Focus: Custom & packaged software for IBM computers
Trade Names: Norwat Computer Systems

Software Classifications:
T004 T023 T047 T074 T085 T094
T095 T120

Other Information:
Specialize in design and installation of computer software systems for theatres, concert halls and major symphonies; public accounting firms; construction companies; manufacturing & distribution firms; co-operative veterinary and pharmaceutical suppliers; wholesale and mail order houses; legal firms; nursing homes; municipalities; boards of education and other non-profit organizations.

NOVATRONICS OF CANADA LIMITED
P.O. Box 610
Stratford, Ontario
N5A 6V6

Contact: Ms. Laraine Glass, Sales Manager

Tel: (519) 271-3880
No. of employees:
Market Focus:
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
NCL has developed a line of high-performance stepper motors along with compatible and complementary logic drive circuits for word processing and related microcomputer markets. Leading supplier of digital indicators for the American commercial and military aircraft markets, with expertise also in the manufacture of synchros and servomotors. Most recent development is a Brushless D.C. motor for the U.S. Military (application - gas detector). Head office: Pompano Beach, Florida.

NUMETRIX LIMITED
3 Church Street, 5th Floor
Toronto, Ontario
M5E 1M2

Contact: Mr. Josef Schengili, President

Tel: (416) 868-6013
No. of employees: 6
Market Focus: N/A
Trade Names: N/A

Product Classifications (Cdn. Content %):
0002 (100%)

Software Classification (Produced, endproduct):
R001 R004 S010 T020 T016 T037
T039 T051 T070 T074 T080 T091
T094 T102 T105 T111 T117 T132

Consulting Classifications:
X016 X037 X039 X044 X046 X051
X070 X074 X080 X091 X094 X102
X105 X107 X111 X117 X132 Z001

Other Information:
Specialize in time-sharing services, consulting services in decision support systems, computer business graphics, scheduling, logistics and distribution, project management, and math programming.

O'CONNOR AND ASSOCIATES CONSULTING
(MICROTRAIN)
P.O. Box 175, Station V
Toronto, Ontario
M6R 2J0

Contact: Ms. Trish O'Connor, President

Tel: (416) 769-2315
No. of employees: 8
Market Focus: To bridge the technical gap between computer and computer user.
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X050 X051 X054 X064 X066
X067 X068 X070 X074 X076 X080
X081 X085 X088 X091 X093 X094
X095 X096 X100 X102 X105 X107
X111 X113 X117 X120 X132 Z001

Other Information:
Provide:
1) DOCUMENTATION - User manuals, systems manuals, policy and procedure documentation;
2) TRAINING and EDUCATION - User training programs;
3) FUNCTIONAL DATA PLANNING - Database Analysis;
4) CLIENT CONSULTING - as to the definition of appropriate hardware/software requirements.

OCEANIC INFORMATION SYSTEMS INC.
1155 Sherbrooke Street West
Montreal, Quebec
H3A 2N3

Contact: Mr. J. Morazain, Vice-president, Administration

Tel: (514) 288-6422
No. of employees: 75
Market Focus: Sale and Service of Office Equipment, Design and Marketing of Software Products
Trade Names: EXACTO, "ENTREX", "PERTEC", "DEX"

Software Classifications:
R001 R004 S007

Products Classifications (Cdn. Content%):
W002 (30%) W005 (40%) W012 (100%)

Other Information:
Exclusive Distributor for: Pertec Computer Corp., Burroughs DEX Facsimile Equipment, Nixdorf Corp. Entrex Data Entry Equipment.
Owner of Extracto, Tabulo, Telextracto, and Optidata.
Ontario Branch Office: 300 Tempo Avenue, Willowdale, Ontario, M2H 2N8

KAY OCHILTREE
Suite 203A
51 Grosvenor Street
Toronto, Ontario
M5S 1B5

Contact: Ms. Kay Ochiltree

Tel: (416) 921-7940
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X120

Other Information:

OCRA COMMUNICATIONS INC.
85 Albert Street, Suite 1100
Ottawa, Ontario
K1P 6A4

Contact: Mr. David Franklin, Marketing Manager

Tel: (613) 238-5779
No. of employees: 14
Market Focus: Office automation
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (70%) W012 (100%) W014 (70%) W016 (70%)

Software Classifications (Distributed, Produced, endproduct):
T120

Consulting Classifications:
X120

Other Information:
Company is a system integrator specializing in office automation. Products and services include: requirement analysis, installation management, system integration, office system hardware and/or software, design and implementation of office automation education and training plans, and evaluation of benefits. OCRA is one of four Canadian firms participating in the federal government's Office Communications Systems Program. It is currently installing a 250 workstation microcomputer-based Office Automation System for Environment Canada. This project includes the development of a Canadian office automation system and the integration of this system with Environment Canada's existing data processing and word processing systems.

OCTANT COMPUTERS INC.
101 Amber Street #23
Markham, Ontario
L3R 3B2

Contact: Mr. W.D. Bush, Marketing Engineer

Tel: (477-4131
No. of employees: 15
Market Focus: Computer Control Systems for Manufacturers
Trade Names: UPC-8100 - Process Control Computer
PROCESS - Software Package for Process Control

Product Classifications (Cdn. Content %):
B008 (85%) C002 (100%)

Software Classifications (Produced, endproduct, embedded):
T016 T020 T023 T068 T080 T093
T094 T102

Consulting Classifications:
X016 X023 X068 X080 X093 X094
X102 Z001

Other Information:
Specializes in design, manufacture and installation of Computer Systems for Process Control. Installations include customers in the chemical processing, construction, textiles, food processing, asphalt, concrete, and refining industries.

Proprietary Software Products: "PROCESS" a system which allows Process Control strategies to be easily implemented on many computer systems including those manufactured by Octant; 8086 16 BIT development systems; high tech custom software; business software; and 8086 small business systems.
Branch Office in Waterloo.

OFFICE WORLD, DIV. OF ATPRO ENTERPRISES LTD.
P.O. Box 898 Armdale
Halifax, Nova Scotia
B3L 4K5

Contact: Mr. Thomas A. Rose

Tel: (902) 453-1061

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
I000 (N/P) K000 (N/P) M001 (N/P)

OFFICESMITHS INC.
331 Cooper St.
Ottawa, Ontario
K2P 0G5

Contact: Mr. Glenn McInnes, President

Tel: (613) 235-6749
No. of employees: 20
Market Focus: Office automation
Trade Names: The Officesmith, OfficePolicy

Software Classifications:
T009 T016 T039 T044 T046 T051
T054 T080 T117 T120

Consulting Classifications:
X009 X016 X039 X044 X046 X051
X054 X080 X117 X120

Other Information:
The Officesmith is an office application development system, with a powerful multi-window operating environment and document-based management facilities. It is directed to corporate office system developers.
OfficePolicy is an application product for policy and procedure systems. It consists of a comprehensive management guide, training courses and software. It is directed to corporate administrative officers.

ROBB OGILVIE ASSOCIATES
104 Yorkville Avenue
Toronto, Ontario
M5R 1B9

Contact: Mr. Robb Ogilvie, President

Tel: (416) 961-3783
No. of employees: 10
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X032 X047 X080

Other Information:
Specializing in: Labour Turnover, Absenteeism, Productivity, Occupational Health and Safety, Regulatory Policy Development and Provincial Manpower Policy Planning.

P.F. OLIPHANT & R.C. WHITE
37 Amelia Street
Toronto, Ontario
M4X 1E3

Contact: Mr. P.F. Oliphant, Partner

Tel: (416) 924-2387
No. of employees: 3
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X032 X086 X130 X131

Other Information:
Specializing in: Municipal management, Volunteer sector management, and Client task force direction.

OLIVETTI CANADA LIMITED
1390 Don Mills Road
Don Mills, Ontario
M3B 2X3

Contact: Mr. Carlo R. Valerio, President

Tel: (416) 447-3351
No. of employees: 550
Market Focus: Office automation and data processing
Trade Names: OLIVETTI, UNDERWOOD

Product Classifications (Cdn. Content %):
B005 (20%) D008 (20%) F002 (15%)
G001 (15%) H001 (20%) G003 (20%)
I000 (15%) J001 (20%) J002 (20%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T009 T020 T023 T032 T039 T044
T045 T046 T051 T054 T066 T068
T070 T074 T076 T085 T088 T091
T094 T095 T100 T120

Other Information:
World leader in electronic typing systems and office automation systems, banking terminals and systems (including automatic tellers), classroom equipment, personal computers, minicomputers, LISA banking software, and MSDOS application software. Major accounts include governments, educational institutions, legal firms and hospitals.

OMER ASSOCIATES
P.O. Box 2
Malton, Ontario
L4T 3B5

Contact: Mr. Edmond Meyers, Manager

Tel: (416) 624-4285
No. of employees: 2
Market Focus: Problem/Solution Research Consultants
Trade Names:

Consulting Classifications:
X032 X117

Other Information:
Specializing in: Industrial Programs related to Research, Development and Product Design; Solution of Production-oriented problems; Technological Planning of Plants and Manufacturing Facilities; Reorganization and Modernization of Existing Plants, Labs, Offices and Warehouses. Socio-economic Problem/Solution Research Service aimed at providing solutions to the Education, Energy, Health Care, Housing, and Public Transportation Crises; Inflation and Unemployment.

OMNIBUS CORPORATION
2275 Speakman Drive
Mississauga, Ontario
L5K 1B1

Contact: Mr. J.C. Pennie, President

Tel: (416) 823-7200
No. of employees:
Market Focus: Computer Animation (Production, Design, Systems)
Trade Names:

Consulting Classifications:
X117 X107 X130

Other Information:
Developed and founded specialized computer systems for Educational and Television communications.
Provides consultation and services in Canada in the field of communicating computer information in effective visual formats.

OMNIBUS SOFTWARE LIMITED
12 Alpha Avenue
Toronto, Ontario
M4X 1J3

Contact: Mr. Gerry White, President

Tel: (416) 923-5047
No. of employees: 1
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X004 X107

Other Information:
Areas of Specialization:
Technical Support in the areas of programming standards, documentation, techniques, library management, SOP's, RACF implementation and administration, naming conventions, accounting controls, programmer tools and aids.
Assembler programming and utility design and programming.
System 2000 (S2K) database design and programming.
TSO/SPF methods, relationship to RACF, contribution to programmer productivity.

OMNIBUS VIDEO INC.
2180 Yonge Street
Toronto, Ontario
M4T 2T1

Contact: Mr. J. Porter, President

Tel: (416) 489-6020
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T019

Other Information:
Provides special effects and computer animation on 1" video tape for television and film.

OMNITECH GRAPHICS SYSTEMS INC.
880 Wellington St.
Ottawa, Ontario
K1R 6K7

Contact: Mr. George Amarica, International Marketing Manager

Tel: (613) 232-1747
No. of employees: 30
Market Focus: Engineering Companies
Trade Names: Omnitech, ERGOS

Product Classifications (Cdn. Content %):
C002 (78%)

Software Classifications:
T019 T068 T102

Other Information:
Specialize in CAD/CAM products used in printed circuit board design, electrical wiring harness design and manufacturing control by architects, civil engineers and municipal engineers. Products range from 2D schematic to 3D wire frame, including various kinds of analysis applicable to the disciplines in which the package(s) are used. Proprietary CAD CAM products require Omnitech graphic systems. Company represented in Toronto by TDC Graphics.

OPTIPRO INCORPORATED
330 Bay Street
Suite 308
Toronto, Ontario
M5H 2S8

Contact: Mr. Leo Vreugdenhil, Chief Executive Officer

Tel: (416) 361-1981
No. of employees: 30
Market Focus: File Management,Report Generators, Data Processing Training and Education
Trade Names:

Consulting Classifications:
X004 X107 Z001

Other Information:
Specializes in: Development support and sale of generalized software packages (ie. EXTRACTO); Training and Education of Data Processing Professionals (Systems & Programming); Wide range of contracted DP Consulting, Analysis, Design and Programming.
Branch offices in: Montreal and Quebec City.

OPTOTEK LIMITED
1283 Algoma Road
Ottawa, Ontario
K1B 3W7

Contact: Mr. David I. Kennedy, President

Tel: (613) 746-3100
No. of employees: 40
Market Focus: light-emitting-diode displays and associated electronic subsystems
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (N/P) W011 (20%) W015 (20%)

Other Information:
Development of non-impact printers, microwave field-effect transistors (components), and light-emitting diode display systems for various government departments.

ORBITA CONSULTANTS LTD.
P.O. Box 1278
Station "B"
Ottawa, Ontario
K1P 5R3

Contact: Mr. John W. Mayne, President

Tel: (613) 828-2814
No. of employees: 20
Market Focus: Operational Research, Library and Information Services and Chemical Engineering
Trade Names:

Consulting Classifications:
X037 X117 X132

Other Information:
Uses the think tank concept to provide solutions for virtually any problem. Experience in: health, welfare, education, safety, individual rights, energy conservation, energy resource use and it's impact, applied research, technology transfer, risk analysis, operations, management, military organization, systems analysis, and security.

ORCATECH INC.
2680 Queensview Drive
Ottawa, Ontario
K2B 8H6

Contact: Mr. David Pearson, President

Tel: (613) 820-9602
No. of employees: 55
Market Focus: Graphics computer systems for industrial and scientific design
Trade Names: Orca1000, Orca2000, Orca3000

Product Classifications (Cdn. Content %):
C002 (75%)

Software Classifications:
S007 S010 T019 T102

Other Information:
Graphics computer systems for electrical and electronic design, mechanical design, cartography, architectural design, aerospace and weaponry simulation, medical image procesing and process control. Mississauga branch office.

ORGANIATION METRICS
Simcoe Building,
Suite 202,
345 Kingston Rd.
Pickering, Ontario

Contact: Mr. Andris V. Piebalgs, Owner

Tel: (416) 286-1866
No. of employees: 2
Market Focus: Human resource consulting in the data processing environment
Trade Names: N/A

Software Classifications (Produced, embedded):
T085 T105

Consulting Classifications:
X085 X105 X120

Other Information:
Specialize in problem diagnosis, reorganization analysis, human resource issue identification, human resource cycle development, manpower planning, career pathing, career planning, job evaluation, performance assessment, reward systems.

Training and education provided in areas of identification and capture of measurable data, application of computers to human resource problem solving, effective use of tools provided, support for development of tools by customer.

OURSCAN GROUP INC.
66 Queen Street, 3rd Floor
Ottawa, Ontario
K1P 5C6

Contact: Ms. Irene M. Leger, President

Tel: (613) 236-6627
No. of employees: 17
Market Focus: The Federal Government Departments and private Businesses
Trade Names: N/A

Consulting Classifications:
X004 X006 X037 X044 X046 X047
X051 X054 X066 X067 X070 X074
X076 X081 X085 X095 X094 X102
X105 X107 X120

Other Information:
Specialize in Feasibility Studies, Requirements Definition, Project Management, Analysis & Design, System Management, Implementation, Training, and Small Business Counselling.

OVEX BUSINESS SYSTEMS LTD.
85 Albert Street
Suite 1610
Ottawa, Ontario
K1P 6A4

Contact: Mr. D.H. Raisinghani

Tel: (613) 236-4448
No. of employees:
Market Focus:
Trade Names:

Software Classifcations:
T004

Consulting Classifications:
X037

Other Information:
Specializing in: Systems Analysis, Contract Programming, Data Entry & Verification, Organization Planning, and Futures Research.

THOMAS OWEN & ASSOCIATES LTD.
1735 Bayview Ave.
Toronto, Ontario
M4G 3C1

Contact: Mr. Thomas H. Owen, President

Tel: (416) 488-5116
No. of employees:
Market Focus: Service Management and Social Science Consulting
Trade Names:

Consulting Classifications:
X006 X047 X080 X117

Other Information:
Specializes in program evaluation and policy analysis in the following areas: Health Care and Social Development; Enviromental/Socio-Economic Impact; Education and Employment Studies; Organizational Analysis and Training.

P C COMPUTERS LTD.
2 Robert Speck Parkway, Suite 750
Mississauga, Ontario
L4Z 1H8

Contact: Mr. John A. Barrett

Tel: (416) 273-9030
No. of employees:
Market Focus: Distribution of computer peripherals to OEM's, System Builders and End Users
Trade Names: Distributors for Ampex Corporation, C.Itoh Electronics Inc., CIE Terminals, Ven-Tel Inc., and EMC Corporation

Product Classifications (Cdn. Content %):
W002 (50%) W004 (50%) W005 (60%)
W008 (100%) W010 (50%) W011 (50%)
W014 (60%)

Other Information:
Distribute Ampex and C.Itoh Video Terminals, Ven-Tel Modems, VAX Compatible Memory from EMC Corporation, and C.Itoh Daisy Wheel, Serial Matrix and Matrix Line Printers.

P D I SYSTEMS LTD.
52 Shaftesbury Ave.
Toronto, Ontario
M4T 1A2

Contact: Mr. J.R. McMillan, Director

Tel: (416) 925-3000
No. of employees: 5
Market Focus: Custom Software (Design, build, install)
Trade Names: N/A

Consulting Classifications:
X004 X006 X037 X044 X046 X047
X051 X054 X074 X076 X080 X085
X107 X120

Other Information:
Specialize in planning, development and implementation of computer systems for: retail sales tax, corporation tax, property tax, Medicare, health care facilities, social services, reforestation management, bulk commodity distribution, financial management and others.

PLM WORD PROCESSING SERVICES LIMITED
214 Merton Street
Suite 106
Toronto, Ontario
M4S 1A6

Contact: Ms. Polly Sherman,
Vice-president

Tel: (416) 486-8611
No. of employees: 3
Market Focus: Word Processing Training & Application Development
Trade Names:

Product Classifications (Cdn. Content %)
B005 (90%) C002 (90%) C005 (90%)
F002 (90%) G001 (90%) G003 (90%)
H001 (100%) J001 (100%) K002 (100%)
M001 (100%) O001 (100%) O002 (100%)
O003 (50%) W004 (50%) W005 (100%)
W006 (90%) W007 (100%) W011 (90%)
W012 (100%) W014 (100%) W015 (100%)
W016 (90%)

Software Classifications:
S007 S010 T004 T020 T037 T044
T046 T054 T064 T066 T074 T081
T085 T095 T105 T120

Consulting Classifications:
X004 X020 X037 X044 X046 X054
X064 X066 X074 X081 X085 X095
X105 X107 X120 Z001

Other Information:
Specializing in: Training for Micom Word Processing Systems, Training and Application development for specialty programs on Micom, Informal Consulting on Office Automation, Typing Overload Service, Conversion and Manipulation of Data from Foreign Word Processing Systems and/or Computers, and Performs typesetting laision utilizing Micom as entry system.

P W T COMPUTER GROUP LTD.
1305 Matheson Blvd.
Mississauga, Ontario
L4W 1R1

Contact: Mr. Michael Ivezic, President

Tel: (416) 624-7455
No. of employees: 12
Market Focus: Hardware Distribution (wholesale level)
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (35%) W011 (31%) W015 (35%)
W008 (50%) W007 (100%) W004 (40%)

Software Classification:
R001 R004 T004 T023 T054 T066
T074 T076 T085 T095 T120

Consulting Classifications:
X004 X023 X054 X066 X074 X076
X085 X095 X107 X120

Other Information:
Markets software packages for general accounting; medical billing; and personal corporate tax planning.
Distributes microcomputers, printers, word processing equipment, flexible disks, storage equipment, and modems.

PAPERFLOW SYSTEMS INC.
120 Deloraine Ave.
Toronto, Ontario
M5M 2A9

Contact: Mr. Luke Penseney, Manager-Sales/Marketing

Tel: (416) 532-8443
No. of employees: 4
Market Focus: Applications software for AES info. systems
Trade Names: FLOWSOFT, TIMEFLOW, AMFLOW, CANFLOW, PROFLOW, ORDERFLOW, SALESFLOW, MAILFLOW

Retail Product Classifications (Cdn, Content %):
W015 (N/P)

Software Classifications:
T004 T037 T044 T045 T046 T066
T074 T095 T096 T102 T132

Consulting Classifications:
X004 X037 X044 X045 X046 X047
X051 x066 X074 X085 X095 X096
X107

Other Information:
Products include: TIMEFLOW- Time Docketing/Legal Billing, AMFLOW-Authorization schedule for lawyers, CANFLOW-Contract Administration(Public Sector) ORDERFLOW-Purchase order processing(Public Sector).

PATERSON-PHIPPS INTERNATIONAL INC.
1200 Aerowood Drive
Mississauga, Ontario
L4W 1B7

Contact: Mr. John Paterson, President

Tel: (416) 625-4349
No. of employees: 6
Market Focus: The human interface to computers
Trade Names: PPI, "FAST-EDDIE", "SYNTOOL", "DATATOOL"

Product Classifications (Cdn. Content %):
C002 (70%) C005 (70%)

Software Classifications:
R004 S001 S010 T006 T019 T020
T032 T050 T051 T068 T076 T080
T093 T094

Consulting Classifications:
X019 X032 X050 X064 X068 X080
X093 X094 X107 Z001

Other Information:
Specialize in - productivity tools for programmers; fast data entry tools; high precision graphics input digitizers; editor software (FAST EDDIE) runs on microcomputers and mainframes; and intelligent consoles.

DAVID A. PATTERSON COMPUTER CONSULTING SERVICES
47 Greendale Crescent
Kitchener, Ontario
N2A 2R5

Contact: Mr. David Patterson, President

Tel: (519) 893-1576
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X004 X032 X107

Other Information:
Specializing in: Feasibility Studies, Accounting and Financial Analysis, Minicomputers and Systems Conversions.

PAYTON ASSOCIATES LIMITED
120 Milner Avenue, Units 7-10
Scarborough, Ontario
M1S 3R2

Contact: Mr. Robert Baker, President

Tel: (416) 298-9600
No. of employees: 25
Market Focus:
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (N/P) W012 (N/P) W016 (N/P)

Software Classifications:
T050 T102 T105

PENIK MANAGEMENT LIMITED
216 Carlton St.Suite 400
Toronto, Ontario
M5A 2L1

Contact: Ms. Judi Church, Marketing Manager

Tel: (416) 922-1505
No. of employees: 18
Market Focus: Records Management, Procedural Writing and Hardware/Software Evaluation
Trade Names:

Consulting Classifications:
X004 X107 Z001

Other Information:
Specializing in: Feasibility Studies, Project Management, Systems Design, Post Implementation Review, Long-range Planning, Training and Manuals Management.

PENTASOFT CORPORATION
1992 Yonge St. Suite 301
Toronto, Ontario
M4S 1Z7

Contact: Mr. Brian Perriman, President

Tel: (416) 485-8267
No. of employees: 4
Market Focus: Small business and professionals
Trade Names: N/A

Software Classifications (Produced, endproduct):
T004 T037 T074 T076 T085 T095
T091

Consulting Classifications:
X004 X037 X074 X076 X085 X091
X095 X105 X107 X120

Other Information:
Specialize in:
1) Microcomputer consulting and custom software development,
2) Development of software with general appeal (ie. Dental records),
3)Education aimed at new computer users
  - programming in BASIC and PASCAL,
  - seminars on popular software such as VISICALC.

PERFORMAX TRAINING SYSTEMS
100 Marmora Street
Weston, Ontario
M9M 2X9

Contact: Mr. Ron Johnson, Director

Tel: (416) 745-1500
No. of employees: 125
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X132 Z001

Other Information:
Improves employee morale, organizational effectiveness and productivity.

PERIPHLEX INCORPORATED
325 Milner Avenue, Suite 409
Scarborough, Ontario
M1B 2V7

Contact: Mr. Harold G. Hellman, Marketing Manager

Tel: (416) 232-1747
No. of employees: 40
Market Focus: Visual Comfort & Health
Trade Names: Periphlex anti-glare filters; Light Control Sleeves; Periphlex Hoods; Anti-Radiation Screens

Product Classifications (Cdn. Content %):
B000 (70%)

Software Classifications:
R001 T044 T046

Consulting Classifications:
X107

Other Information:
Specialize in:
1) Anti-glare screens to remove reflected light from video display terminals and word processors;
2) Hoods to reduce excess light on face of equipment;
3) Light control sleeves to reduce transmitted light from fluorescent tubes;
4) Anti-radiation screens for video display terminals or word processors.

PETRIE TELECOMMUNICATIONS LTD.
22 Barran Street
Ottawa, Ontario
K2J 1G4

Contact: Mr. L.E. Petrie, President

Tel: (613) 825-1560
No. of employees: 5
Market Focus: Consulting Services
Trade Names: N/A

Software Classifications:
T044 T102 T105 T117

Consulting Classifications:
X044 X046 X096 X102 X105 X117
X132

Other Information:
Specialize in engineering software development and consulting in design of radio communication systems. Software programs are available for design purposes.

PHOTOCHEMICAL RESEARCH ASSOCIATES INC.
45 Meg Drive
London, Ontario
N6E 2V2

Contact: Mr. Steven A. Kelly, Executive Vice President

Tel: (519) 686-2950
No. of employees: 69
Market Focus: Scientific Instruments
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Produces computer/microprossor controlled equipment in the laser optical research equipment field.

PICKER INTERNATIONAL CANADA
70 Bramalea Road
Brampton, Ontario
L6T 2W8

Contact: Mr. Robert E. Cooper, Marketing Manager, Diagnostic Systems Equipment

Tel: (416) 791-3422
No. of employees: 525
Market Focus: Health Care Diagnostic Systems
Trade Names: Servochest, Rapido 400, Tomolex, Clinix C, Clinix R, Angiocon, Multilex IV

Product Classifications (Cdn. Content %):
C002 (85%) C005 (85%) H001 (85%)

Software Classifications:
T047 T050

Consulting Classifications:
X047 X050

Other Information:
Specializes in diagnostic medical imaging.

PINE TREE MICRO
P.O. Box 95
Swastika, Ontario
P0K 1T0

Contact: Mr. John McLafferty, Owner

Tel: (705) 567-4400
No. of employees: 2
Market Focus: Computer system design, development & application
Trade Names: N/A

Software Classifications (Produced, endproduct):
T006

Consulting Classifications:
X006 X039 X094 X107

Other Information:
Specialize in micro-computer spec, install & debug hardware and software, software development (client owned software).

Head office in Kirkland Lake.

PLUS1 EDP CONSULTANTS
60 Fairglen Ave.
Agincourt, Ontario
M1T 1G7

Contact: Ms. Helen Fearman, Proprietor

Tel: (416) 497-4251
No. of employees: 1
Market Focus: Computer users for business applications
Trade Names: N/A

Consulting Classifications:
X004 X037 X046 X051 X054 X085
X094 X097 X107 X117

Other Information:
Consultants to public and private sectors in - feasability studies, systems analysis and design, data base design, programming, and system turning and optimization. Specialize in Software - IMS, PL 1, COBOL, TSO/SPF, VSAM, IMAGE. Methodologies - SPECTRUM, Structured Design. Hardware - IBM, HP3000, Datapoint.

POLARIS TECHNOLOGY CORPORATION
Suite 400
212 King Street West
Toronto, Ontario
M5H 1K5

Contact: Mr. Chris Frame, Marketing Manager

Tel: (416) 593-5777
No. of employees: 70
Market Focus: Data Processing
Trade Names: Polaris Computer Systems Ltd.
Graham, Schwartz and Partners Ltd.

Software Classifications:
R001 R004 S001 S010

Consulting Classifications:
X004 X006 X016 X019 X023 X039
X044 X046 X047 X054 X067 X068
X070 X074 X076 X081 X085 X088
X091 X093 X094 X095 X096 X100
X107 X111 X113 X117 X120 X132

Other Information:
MODEL 204 - powerful database management system running an IBM mainframe and plug compatible machines (30xx, 43xx, and 370's)
- uses an advanced inverted file technique while providing relational-like capabilities
- supports up to 513 billion record databases and 999 concurrent update users
- operates on the OS and VS, DOS/VS, DOS/VSE and CMS environments
- MODEL 204 DBMS utilizes an on-line interactive "System Command Language" to modify or create database structures dynamically, without interruption to other users.
- available subsystems include
1) User Language: advanced fourth-generation application development tool.
2) Dictionary/204: fully extensible integrated data dictionary used to manage information about MODEL 204 and NON-MODEL 204 files and applications.
3) Text/204: on-line document storage and retrieval system.
4)Comet/204: powerful electronic mail system.

POLICY RESEARCH GROUP (PRG) INC.
512-63 Sparks St.
Ottawa, Ontario
K1P 5A6

Contact: Mr. Sant Singh, President

Tel: (613) 233-9230
No. of employees: 4
Market Focus: Research and Analysis Services
Trade Names:

Consulting Classifications:
X032 X037 X047 X080 X117

Other Information:
Specializing in: Policy Research Studies, Program Evaluation Studies, Statistical Studies, and Monitoring of Information in a variety of socio-economic areas such as health, human rights, energy policy, transportation, and communication.

POLYCOM SYSTEMS LTD.
133 Wynford Drive
Don Mills, Ontario
M3C 1K1

Contact: Mr. Jim Doige

Tel: (416) 449-3400
No. of employees: 26
Market Focus: Facilities Management, VAX Software Products and Turnkey Systems
Trade Names:

Consulting Classifications:
X070 X102 X107

Other Information:
Specializing in: Interactive on-line systems; Database System; Financial Modeling; Financial Management; Communications & Networking; and VAX Software.

POLYMATHIC COMPUTER CORPORATION
4580 Dufferin Street, Suite 204
Downsview, Ontario
M3H 5Y2

Contact: Mr. Cal Parsons, President

Tel: (416) 665-0203
No. of employees: 5
Market Focus: Computer Software
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (100%) W004 (100%) W005 (100%)
W006 (100%) W012 (100%) O002 (100%)

Software Classifications:
R001 R004 S010 T004 T037 T054
T066 T067 T074 T085 T095 T100

Other Information:
Integrated management and computer consulting firm specializing in development of application software for Datapoint computers. Offer systems design, program development, on or off-line data processing, inhouse computer systems installation or any combination of these services, as well as others.

DEAN PONCE & ASSOCIATES
Suite 600
55 University Avenue
Toronto, Ontario
M5J 2H7

Contact: Mr. Dean B. Ponce, Principal

Tel: (416) 364-5920
No. of employees: 8
Market Focus: EDP Implementation - User Procedures
Trade Names:

Consulting Classifications:
X004 X032 X047 X107 X117 Z001

Other Information:
Specializing in: Design and Development, Optimization, Standards Development, EDP Performance Review, and Education. Also offer both Automated and Manual Office Systems.

PRAXTEK SOFTWARE CORPORATION
P.O. Box 2636, Stn. D
Ottawa, Ontario
K1P 5W7

Contact: Mr. J. Alan Langford, President

Tel:
No. of employees: 2
Market Focus: Scientific, engineering, and systems software
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 S010 T019
T020 T044 T068 T093 T102 T105

Consulting Classifications:
X006 X016 X019 X023 X039 X044
X067 X068 X081 X093 X096 X100
X102 X105 X107 X111 X113 X117
X120 Z001

Other Information:
Produce computer systems, ranging from large mainframes to any major microprocessor. Provide a variety of technical and professional consulting services to business and government. Software services include systems evaluation, analysis, specification, structured design, documentation, implementation, technical support, and education.

Custom products cover 1) Development and integration of software with hardware (scientific instrumentation, communications equipment, and consumer-directed goods).
2) Development of mathematical and physical models and simulation systems (communciations, atomic physics, process evaluation, product simulation, simulations for system testing).
3) Engineering and scientific applications software development tools, data communications, process control graphics, videotex (Telidon), operating systems, computer language systems, CAD/CAM and office automation.

PRELCO ELECTRONICS LTD.
2767 Thamesgate Drive
Mississauga, Ontario
L4T 1G5

Contact: Mrs. R.B. Schachter, Treasurer

Tel: (416) 678-0401
No. of employees: 70
Market Focus: Electronics Manufacturers, Distributors, & Retailers
Trade Names: PRELCO ELECTRONICS LTD.

PRESENTEY ENGINEERING PRODUCTS LIMITED
2784 Fenton Road, Box 919, R.R.5
Gloucester, Ontario
K1G 3N3

Contact: Mr. S.M. Presentey, President

Tel: (613) 822-1251
No. of employees: 20
Market Focus: Military electronics, navaids, brushless DC-motors
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (N/P) M001 (85%) W013 (85%)

PRICE WATERHOUSE ASSOCIATES
Suite 6490
Box 190
1 First Canadian Place
Toronto, Ontario
M5X 1H7

Contact: Mr. Larry Shick,Partner

Tel: (416) 365-1144
No. of employees: 160
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X037 X107 X132

Other Information:
Areas of Specialization:
1) Development of systems on IBM System/34, IBM System/38, IBM System/5280 and TANDEM.
2) Conversions of existing systems to IBM System/34, IBM System/38.

PRIME COMPUTER OF CANADA LIMITED
5945 Airport Road
Mississauga, Ontario
L4V 1R9

Contact: Mr. Roy W. Bond, Director, Communications

Tel: (416) 678-7331
No. of employees: 125
Market Focus: Design, manufactures, markets and services general purpose computer systems
Trade Names: Prime Computer (UK) Ltd., Prime Informatique SA, Prime Computer GmbH, Prime Computer Benelux BV, Prime Computer Scandinavia AB, Prime Computer of Australia Ltd.

Product Classifications (Cdn. Content %):
B001 (55.6%) B003 (55.6%) B005 (55.6%)
C002 (43.7%) C004 (43.7%) C005 (43.7%)
F002 (43.7%) F004 (64.5%) G001 (57.3%)
G002 (61.0%) G003 (40.1%) H001 (41.9%)
H003 (43.7%) I000 (64.5%) J001 (41.9%)
W002 (55.6%) W004 (64.5%) W005 (41.9%)
W006 (57.3%) W008 (57.3%) W010 (43.7%)
W011 (43.7%) W012 (52.5%) W013 (61.0%)
W014 (41.9%) W015 (41.9%) W016 (55.6%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S001 S007 S010 T004
T006 T009 T016 T019 T020 T023
T032 T037 T039 T044 T045 T046
T047 T050 T051 T054 T066 T068
T070 T074 T076 T080 T081 T085
T088 T091 T094 T095 T096 T100
T102 T105 T111 T117 T120 T132

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X050 X051 X054 X066 X068
X070 X074 X076 X080 X081 X085
X088 X091 X094 X095 X096 X100
X102 X105 X107 X111 X117 X120
X132 Z001

Other Information:
Specialize in: Distributed Data Processing, Networking, Pick Operating System, Prime Information, Office Automation, Integrated Manufacturing, MEDUSA, EDMS, PDMS (CAD Systems), Scientific/Engineering.London and Ottawa branch offices.

PRIOR DATA SCIENCES LTD.
Ball Mews Plaza, 39 Highway 7
Ottawa, Ontario
K2H 8R2

Contact: Mr. Don Waterman, Director, Ottawa Operations

Tel: (613) 820-7235
No. of employees: 40
Market Focus: Real-Time Software Systems
Trade Names: TESTWARE

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W010 (N/P) W011 (N/P)
W012 (N/P) W013 (N/P) W014 (N/P)

Software Classification (Distributed, produced, endproduct embedded):
R001 R004 S001 S007 S010 T019
T044 T046 T047 T051 T081 T093
T096 T102 T105 T113 T117

Consulting Classifications:
X019 X044 X046 X047 X051 X081
X093 X096 X102 X105 X107 X113
X117

Other Information:
Specialize in turnkey systems and contract software work for military, SCADA, communications, data base, graphics and dispatch systems (real-time). Produce TESTWARE (automatic module unit tester). Canadian distributor for Oregon Software Pascal, TeleSoft Ada, GEJAC (ARSAP, SRF). Toronto branch office.

PRO-CAN COMPUTER PRODUCTS LIMITED
211 Telson Road, Unit 3
Markham, Ontario
L3R 1E7

Contact: Mr. Steve Clayton, President

Tel: (416) 474-1470
No. of employees: 8
Market Focus: Computer
Trade Names: N/A

Product Classifications (Cdn. Content %):
L000 (N/P)

Other Information:
Specialize in supplying computer consumable products. Manufactures stock tab and card stock to meet specifications. Can also supply complete range of magnetic media. Supplies both mainframe and personal computer environments.

PRO-LINE SOFTWARE LTD.
755 The Queensway E.
Unit 8
Mississauga, Ontario
L4Y 4C5

Contact: Mr. Gene Wasylciw, President

Tel: (416) 273-6350
No. of employees: 15
Market Focus: Generalized Business
Trade Names: WordPro, SpellPro, PAL and POWER, and MailPro

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 T020 T032 T066
T074 T120

Consulting Classifications:
X107

Other Information:
Develops, produces, markets and supports applications software packages for business and home use.
Products include: WordPro MailList, a comprehensive mailing list/addressing package; SpellPro, a versatile spell-checking program, PAL and POWER, a personal assembly language and a basic programmer's aid; and MailPro.

PRO-MATION SYSTEMS/
DIV. OF HALWEL HOLDINGS LTD.
5170 Dixie Road
Suite 308
Mississauga, Ontario L4W 1E3

Contact: Mr. V. Bissonnette,Secretary/Treasurer

Tel: (416) 624-1441
No. of employees: 13
Market Focus: Management Consulting and Systems Design
Trade Names:

Software Classifications:
T020 T022 T044

Consulting Classifications:
X106

Other Information:
Specializing in: Process Control Automation, Feasibility studies, Custom Software and Turnkey business systems.

Has a proprietary control system for the IV Phase mini-computer developed in COBOL.

PROBE SOFTWARE SCIENCES LTD.
666 Sherbrooke St. West
Suite 2101
Montreal Quebec
H3A 1E7

Contact: Mr. David A. Gillman, Marketing Director

Tel: (514) 842-8141
No. of employees: 15
Market Focus: Productivity Specialists
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X037 X107 X117

Other Information:
Products include: SIP-3000 (Financial Software for the HP-3000); Natural Language-3000 (A superset of Query 3000); Maestro (A mini based Programmer's workbench); Genasys (System Generator); IMS (Have a number of software products available).

PROCEDURES PLUS
429 Mount Pleasant Road
Toronto, Ontario
M4S 2L8

Contact: Mr. Howard Block, Partner

Tel: (416) 484-4119
No. of employees: 6-10
Market Focus: Writing user or procedure manuals for computer systems and automated offices
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X016 X037 X039
X044 X046 X047 X051 X054 X064
X074 X080 X081 X085 X091 X095
X096 X097 X111 X113 X117 X120

Other Information:
Specialize in a range of procedures writing services including: preparing new procedures manuals, maintaining existing manuals; streamlining clerical procedures; supporting the implementation of new data processing or word processing systems, automated offices, and administrative or clerical methods.

PROFESSIONAL COMPUTER CONSULTANTS GROUP LTD.
180 Keewatin Ave.
Toronto, Ontario
M4P 1Z8

Contact: Mr. Frank McCrea, President

Tel: (416) 483-0766
No. of employees: 23
Market Focus: Contract services on mainframe and micro systems
Trade Names: Micro Support Group

Product Classification (Cdn. Content %):
L000 (100%)

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X037 X045 X046 X054 X064 X066
X067 X068 X070 X074 X076 X081
X085 X088 X091 X093 X094 X095
X096 X100 X102 X105 X107 X111
X113 X117 X120 X132

Other Information:
1) Provides contract support in the areas of system development and maintenance with emphasis on services at the programmer/analyst through project leader levels.
2) Develops manual, clerical and administrative procedures and policies.
3) Financial modelling, including model development and a full educational program (introductory, advanced and seminar formatted courses), with emphasis on IFPS and EPS decision support systems.
4) Consulting support to users of microcomputers, including system selection, system implementation, telephone support, software development and the provision of supplies, including floppy disks and printer ribbons.

PROFESSIONAL COMPUTER SYSTEMS LTD.
117 Skyway Avenue
Rexdale Ontario
M9W 4Z4

Contact: Mr. C.R. Butler, President

Tel: (416) 675-7818
No. of employees: 8
Market Focus: PET Micro database
Trade Names:

Products Classification (Cdn. Content %):
W012 (N/P) W015 (N/P)

Consulting Classifications:
X004 X032 X070 X102 X107 X117
X132

Other Information:
Specializes in microcomputer hardware, applications and software. Interfacing for special applications, multiplexed disk operations, word processing equipment and support services are provided. Authorized Commodore Business Machines Dealer. Deals in Commodore PET Software and specializes in IEEE-488 standard utilization and implementation.

PRONET MICRO SYSTEMS INC.
40 Madison Ave.
Toronto, Ontario
M5R 3M5

Contact: Mr. L.F. Melli, President

Tel: (416) 964-7777
No. of employees: 8
Market Focus: Microcomputer software (especially communications)
Trade Names: N/A

Software Classifications (Produced, endproduct, embedded):
R001 R004 S007 S010 T004 T046 T102

Consulting Classifications:
X046 X107 X120 Z001

Other Information:
Specialize in communications software involving microcomputers and mainframes, data base software and applications, and micro based operating systems. Have expertise in O/S, MS DOS, CP/M, UNIX, and UCSD P-systems. Languages: PASCAL, COBOL, BASIC, & FORTRAN. Offer Asynchronous Communications software package for IBM PC.

PROTAS INNOVATIONS INC.
Box 381, Station Q
Toronto, Ontario
M4T 2M5

Contact: Mr. Richard Stapells, Executive Vice President

Tel: (416) 365-9512
No. of employees: 5
Market Focus: Knowledge Worker Automation
Trade Names: Protas Innovations Inc.

Software Classifications (Distributed, produced, endproduct):
T004 T085 T120

Consulting Classifications:
X120

Other Information:
Specialize in office and knowledge worker automation and training systems.

PROTEUS COMPUTER BUSINESS APPLICATIONS INC.
77 City Centre Drive
Mississauga, Ontario
L5B 1M5

Contact: Mr. John Bartlett, President

Tel: (416) 273-6677
No. of employees: 4
Market Focus: 1)Construction Companies, 2)Law Firms
Trade Names: Proteus Systems, Prolaw

Product Classifications (Cdn. Content %):
W002 (70%) W004 (90%) W006 (70%)
W012 (100%) W014 (50%) W015 (60%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T023 T064 T066 T074 T085 T093
T094 T095 T120

Other Information:
Specialize in
1) PROLAW, (Legal Practice Management System) designed to meet the needs of the modern law office.
2) Parts Distribution System (PDS) automated parts inventory management system which can be installed as a single user or multiuser package. A fully integrated system, it can be interfaced with other standard Proteus business packages such as Payroll and Word/List Processing.
3) Construction Job Costing System, designed to maintain production costs of labour, materials, equipment and hired costs as well as providing a bonus/incentive scheme based on prodution costs.

All three systems are interfaced to the basic accounting functions, including general ledger.

PROVINCIAL BUSINESS SYSTEMS INC.
1262 Don Mills Rd. Unit 72
Don Mills, Ontario
M3B 2W7

Contact: Ms. Cheryl Lake, V.P., Systems

Tel: (416) 441-2869
No. of employees: 8
Market Focus: Software systems for various vertical markets, ie. analysis, project management, programming, training, customs brokers, accounting, structural engineers, freight forwarding
Trade Names: N/A

Software Classifications (Produced, endproduct, embedded):
R001 R004 S010 T004 T023 T066
T102 T120

Consulting Classifications:
X107

Other Information:
CUSTOMS HOUSE BROKERS - B3, B6, B2, T010 forms preparation including Bonded Inventory control, A/R, A/P (including disbursements control) and G/L

IMPORTERS - B6 and Bond Inventory System - B3 preparation

FREIGHT FORWARDERS - Consolidations, de-consolidations integrated into above customs programs.

PULSE MICROSYSTEMS LTD.
377 Ridelle Ave., Suite 1717
Toronto, Ontario
M6B 1K2

Contact: Mr. Brian J. Goldberg, President

Tel: (416) 781-7796
No. of employees: 5
Market Focus: Small organizations needing custom software on micros
Trade Names: Pulse MicroSystems

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 T004 T019 T023 T037
T046 T074 T091 T094 T100 T111

Consulting Classifications:
X004 X019 X023 X032 X037 X046
X074 X085 X091 X094 X095 X100
X107 X111 X120 Z001

Other Information:
Specialize in
1) Software design and implementation (customized systems on microcomputers),
2) Consulting in purchase of microcomputer hardware and software, particularly with firms owning computers who need modifications to their present programming.

PURE DATA LTD.
950 Denison Street, Unit 17
Markham, Ontario
L3R 3K5

Contact: Mr. Nicholas B. Cosentino, Operations Manager

Tel: (416) 475-2424
No. of employees: 14
Market Focus: Custom R&D, IBM accessories and networks
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (70%) W004 (75%) W006 (70%)
W011 (70%) W016 (70%)

Software Classifications (Produced, embedded):
R004 T093

Other Information:
Designs and manufactures specialized computer and microprocessor equipment.

QL SYSTEMS LTD.
408-797 Princess St.
Kingston, Ontario
K7L 1G1

Contact: Ms. Adrienne B. Herron

Tel: (613) 549-4611
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T067

Other Information:

QUADRUS ASSOCIATES
81 Glenwood Avenue
Burlington, Ontario
L7T 2J8

Contact: Mr. Gary E. Mohr, President

Tel: (416) 639-4263
No. of employees: 8
Market Focus: Software for food and drug manufacturing. Steel distribution
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
S010 T004 T085 T094

Consulting Classifications:
X004 X074 X085 X094 X095

Other Information:
Specialize in Food and Drug manufacturing and steel distribution systems: JAS-34; SCHEDULER-34; SCREEN-34; SCAN-34; DOCUMENT-34; & SECURITY-34. For IBM System-34: accounts receivable; accounts payable; general ledger and payroll.

Also specialize in computer consulting and application software development.

QUANTUM INFORMATION RESOURCES LTD.
1 First Canadian Place
Suite 6450
Toronto Ontario
M5X 1A9

Contact: Mr. K.T. Morre, Partner

Tel: (416) 868-1500
No. of employees: 110
Market Focus: Management Consulting and Systems Development
Trade Names:

Consulting Classifications:
X004 X032 X037 X147 X070 X102
X107 X117 X132

QUANTUM SOFTWARE & CONSULTANTS
2900 Bathurst ST., Suite 90-8
Toronto, Ontario
M6B 3A9

Contact: Mr. Charles Blattberg, General Manager

Tel: (416) 782-7379
No. of employees: 2
Market Focus: Small Businesses & Education
Trade Names: N/A

Software Classifications:
S010 T004 T032 T085 T094

Consulting Classifications:
X004 X032 X085 X094 X107

Other Information:
New company. Specialize in software for small business & education. Software usable on all major microcomputers, especially Commodore. Programmers have experience in languages of main microcomputers, Waterloo Basic, Comal and others. Work within Metro Toronto.

QUANTUM SOFTWARE SYSTEMS LTD.
P.O. Box 5318
Station F
Ottawa, Ontario
K2C 3H5

Contact: Ms. Sandy Kingston

Tel: (613) 235-4297
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
S007 T033

QUASAR SYSTEMS LTD.
275 Slater STreet, 10th Floor
Ottawa, Ontario
K1P 5H9

Contact: Mr. Robin McNeill, Manager, Advertising and Promotion

Tel: (613) 237-1440
No. of employees: 375
Market Focus: Software products and services
Trade Names: Quasar Systems, POWERHOUSE, MULTIVIEW, POWERPLAN

Software Classifications (Developed):
S010 T004 T037

Consulting Classifications:
X004 X006 X037 X044 X046 X080
X094 X096 X107 X117 X120

Other Information:
Proprietary software products and services: POWERHOUSE application Generator, MULTIVIEW GL/AR/AP Financial Software; POWERPLAN Financial Planning Software. Installations at 1,500 computer sites worldwide.

QUELERON SCIENTIFIC COMPUTING
56 Third Avenue
Ottawa, Ontario
K1S 2J8

Contact: Mr. Donald Dunn, President

Tel: (613) 233-2314
No. of employees: 1
Market Focus: Scientific consulting to federal government
Trade Names: N/A

Software Classifications:
T044 T102 T105

R A B DEDESCO LTD.
106 Schneider Rd.
Kanata, Ontario
K2K 1Y2

Contact: Mr. R. Barkley, President

Tel: (613) 592-3026
No. of employees: 6
Market Focus: Electronic Combustion analysers for furnace/boiler combustion optimization
Trade Names: N/A

Product Classifications (Cdn. Content %):
B008 (N/P)

RBW GRAPHICS
1749 20th St. E.
Owen Sound, Ontario
N4K 5R2

Contact: Mr. Kingsley Jackson

Tel: (519) 376-8330
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T092

Other Information:
Electronic Publishing Systems

R P W SYSTEMS AND SERVICES Inc.
47 Fundy, F. Mart, P.O. Box 588, Place Bonaventure
Montreal, Quebec
H5A 1C5

Contact: Mr. Morris Pascal, Secretary Treasurer

Tel: (514) 878-1325
No. of employees: 8
Market Focus: Application software for small and medium business with micro-computer systems.
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (N/P) O002 (100%)

Software Classifications:
S001 S010 T004 T023 T085 T111 T120

Consulting Classification:
X004 X023 X085 X107 X111 X120

Other Information:
Design and develop application software for accounting. Provide consulting for clients on microcomputer systems, and small business management. Proprietary software includes program packages (Accounting) on: Payroll; Accounts Receivable; General Ledger Accounting. Acocunts Payable and Order-Entry/Inventory packages will be available at year end. National distributors for: Micro Focus CIS Cobol and level II Cobol; and Friends Software Access 80 Report Writer (100% U.S. content). Eastern Canada representative for major U.S. distributor in application software for most microcomputers (100% U.S. content). Toronto branch office.

R-CUBED SOFTWARE HOUSE
483 King St.
Mount Albert, Ontario
P.O. Box 99
L0G 1M0

Contact: Mr. Peter McDonald, Partner

Tel: (416) 473-3106
No. of employees: 5
Market Focus: Education
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 S007 S010 T032 T067 T102

Other Information:
Specialize in developing computer software for Ontario schools, for use on Apple II, and Commodore 64.

RAND ENGINEERING CORPORATION
Mississauga Executive Centre
2 Robert Speck Parkway
Suite 1090
Mississauga, Ontario
L4Z 1H8

Contact: Mr. Dennis Semkiw, Partner

Tel: (416) 273-3093
No. of employees:
Market Focus: Consulting engineering, land & building development and municipal infrastructure
Trade Names: N/A

Software Classification:
T102 T117

Consulting Classifications:
X102 X117

Other Information:
Specialize in Computer Applications Engineering. Expertise in: structural analysis and design; hydraulic and hydrologic modelling of water conveyance systems. Proprietary software includes three dimensional structural design program for high rise structures enabling optimization and miscellaneous hydrology models for optimizing drainage facilities.

RAYMOND, CHABOT, MARTIN, PARE & ASS.
Suite 1700, Tour de la Bourse
Montreal, Quebec
H4Z 1G9

Contact: M. Jean-Claude Aube, Directeur Module informatique

Tel: (514) 878-2691
No. of employees: 800
Market Focus: Small and medium size companies
Trade Names: Ramond, Chabot, Martin, Par & Cie.
Raymond, Chabot International Inc.

Product Classifications (Cdn. Content %):
W012 (79%) O002 (100%)

Software Classifications (Distributed, produced, endproduct):
T004 T046 T066 T067 T074 T076
T085 T094 T095

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X037 X039 X044 X045 X046 X047
X050 X051 X054 X064 X066 X067
X070 X074 X076 X081 X085 X088
X091 X093 X094 X095 X096 X097
X100 X102 X105 X120 X132

Other Information:
Specialize in General Business System (G/L, A/R, A/P, Inventory and Payroll) for microcomputers. Ottawa branch office.

RECOGNITION EQUIPMENT (CANADA) LTD.
65 Ferrier Street, Unit #1
Markham, Ontario
L3R 3K6

Contact: Ms. Shirley St. Louis, Financial Administrator

Tel:
No. of employees: 40
Market Focus: Sales and service
Trade Names: RECOGNITION EQUIPMENT (CANADA) LTD.

Product Classifications (Cdn. Content %):
W002 (N/P) W005 (N/P) W011 (N/P)
W014 (N/P) W015 (N/P) W016 (N/P)

Software Classifications (Distributed, produced, embedded):
R004 S010 T009 T076 T120

Consulting Classifications:
X009 X076 X107 X120

Other Information:
Design, manufacture, market and service information processing systems employing optical character recognition, magnetic ink character recognition, image capturing and hardware/software integration technologies. The systems are used for information acquisition, document handling and document truncation in such applications as data entry, high-speed document processing, mail processing and distributed data processing. RCOS Operating System - Real time executive, Key input language, Scanner input language, Utilities, and communications. Languages - RPG II, COBOL. Application Software - Capture, Batch balancing master block list, key correct, cash letters, cash letter recapitulation, management analysis report, online fine sort utility, bulk filing/cycle soft system (includes exception item outsorting).

Involved in federal, provincial and private enterprises, including banking, health care and credit card processing.

REF COMPUTER CORPORATION
8 Arrowflight Drive
Markham, Ontario
L3P 1S1

Contact: Mr. Robert E. Fergusson, President

Tel: (416) 475-1224
No. of employees: 3
Market Focus:
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications:
R001 S010 T004 T076 T088

Other Information:
Specialize in applications software for pharmacy systems, healthcare systems and accounting packages.

STEPHEN B. REGOCZEI
7 Kingsbury Crescent
Scarborough, Ontario
M1N 1E8

Contact: Mr. Stephen B. Regoczei, President

Tel: (416) 690-1058
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X106 X132

Other Information:
Specializes in: Feasibility Studies, Planning, Budgeting, Scheduling, File-oriented Systems Design, DBMS evaluation and Hardware Selection.

RELIANCE TECHNICAL RECRUITMENT LIMITED
2323 Yonge St., Ste 306
Toronto, Ontario
M4P 2C9

Contact: Mr. John Humphries, Manager

Tel: (416) 489-0602
No. of employees: 40 to 130
Market Focus: Contract Engineering/Design
Trade Names: N/A

Consulting Classifications:
X006 X016 X023 X044 X046 X067
X102 X113 X117

Other Information:
Specialize in project (contract) and overload Engineering, Design, Drafting, Project Management, Software Development, etc. for the Electronic and High Tech Industries (& other industries). Recruitment and assignment to clients of skilled technical individuals on an hourly basis for as long as required. Also refer individuals for positions directly on the client's payroll.

Toronto office supplies services across Canada.

RELTEK INC.
44 Steacie Drive
Kanata, Ontario
K2K 2A9

Contact: Mr. Larry O'Brien

Tel: (613) 592-2411
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Performs incoming QC inspection of I.C.'s including Linear, Digital, CMOS, transistors and diodes. Conduct environmental tests for government and private sector electronic equipment manufacturers to Military specifications. Screening programs can be formatted to meet specific quality or reliability targets with assistance provided in the design and implementation of Quality Programs. PROM programming is available with many input media available including modem access, for a wide variety of pROMS.

Special Systems Division - designs and manufactures specialty equipment for electronic and electrical industries. Emphasis on small run complex system requirements (complx component testers, sub assembly testers, specialized event controllers and monitors, and custom control equipment).

Products: Modu line - 6809 based system with basic control modules, memory modules and output modules available. System is enhanced by addition of custom cards for particular applications.
Smart Controller - directed at solar controller market. Makes complex decision based on various types of input conditions (real time clock, readout, input module and register modification module).

REMANCO SYSTEMS INC.
7 Banigan Drive
Toronto, Ontario
M4H 1G4

Contact: Mr. Joseph W. Lipsett, President

Tel: (416) 429-6771

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
Manufactures the RMS 1600 computer system, designed and developed to operate table service restaurants. Includes 256K processor, two 8" floppy diskettes, a CRT keyboard terminal for the manager and restaurant terminals and printers located at server stations in the bar or kitchen.

1980 system enhancements include the ability to operate under CP/M a 60 megabyte hard-disk and extensive telecommunications capabilities.

The RMS 1600 contains over 85% Canadian content. 80% of production is exported.

Etobicoke branch office.

RHODNIUS INCORPORATED
10 ST. Mary Street
Toronto, Ontario
M4Y 1P9

Contact: Mr. John Kornatowski, President

Tel: (416) 922-1743
No. of employees: 12
Market Focus: -Unix relational data base systems software, utilities and application packages
- UNIX software
Trade Names: MISTRESS, MISTRESS/32, MISTRESS PLUS, M-VISION, M-WRITER, M-MENU, RHODNIUS

Software Classifications (Distributed, produced, endproduct embedded):
R001 S010 T047 T051 T076

Consulting Classifications:
X047 X051 X076 X107

Other Information:
Specializes in relational database technology for UNIX operating system. Proprietary software products include: 1) MISTRESS (relational database management system), 2) M-WRITER (report writer for MISTRESS), 3) M-VISION (Screen interface for MISTRESS) 4) MISTRESS/32 (extended functionality relational database manager and utilities for larger UNIX systems.

RICHARDSON PROFIT SYSTEMS CORPORATION
1500 Fisher Street
North Bay, Ontario
P1B 2H3

Contact: Mr. Phillip J. Richardson, President

Tel: (705) 472-6228
No. of employees:
Market Focus: Commercial real estate management
Trade Names: The Profit Edge

Software Classifications (Distributed, produced, endproduct):
R001 T004 T070 T074 T085 T097 T132

Consulting Classification:
X095 X097 X107 X120

Other Information:
Specialize in Property Management Software including Leasing Management, Marketing Management and Operations Management for small to large property portfolios. Toronto branch office (Marketing).

GORDON RIPLEY & COMPANY
P.O. Box 1141, Station F
Toronto, ontario
M4Y 2T8

Contact: Mr. Gord Ripley, President

Tel: (416) 960-3235
No. of employees: 3
Market Focus: Libraries, publishers
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 R004 T067 T081

Consulting Classifications:
X107 X067 X081

Other Information:
Specialize in
1) Indexing and abstracting software, custom designs and packages,
2) Microcomputer based library retrieval systems,
3) Microcomputer based publishing and typesetting systems,
4) Library database design and modification.

ROBERTSON NICKERSON LIMITED
75 Albert Street, Suite 610
Ottawa, Ontario
K1P 5E7

Contact: Mr. Malcolm L. Nickerson, Vice President

Tel: (613) 238-4625
No. of employees: 15
Market Focus: Information systems consulting
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classification (Developed):
R001 T080

Consulting Classifications:
X070 X074 X080 X107 X120

Other Information:
Proprietary software includes: OGIS (Oil and Gas Information System); TDIS (Trade Development Information System).

ROMUALDI BUSINESS SERVICES
175 Bloor Street East
Toronto, Ontario
M4W 1C8

Contact: Ms. Carmela D'Amico, President

Tel: (416) 921-9908
No. of employees: 2
Market Focus: Business Individuals Requiring Typing
Trade Names: N/A

Software Classifications:
T120

Consulting Classifications:
X120

Other Information:
Offer word processing services.

ROSEDALE COMPUTING SERVICES
497 Rosedale Cres.
Burlington, Ontario
L7N 2S7

Contact: Mr. Ken Stansfield, Proprietor

Tel: (416) 637-1350
No. of employees: 1
Market Focus: Software development, especially of a financial or engineering nature.
Trade Names: N/A

Consulting Classifications:
X037 X091 X102 X107 X132

Other Information:
Specializes in systems analysis and design, FORTRAN and BASIC programming languages, and CDC CYBER, DEC VAX and TRS 80 Computers.

S & S SOFTWARE LTD.
444 MacLaren St.
Ottawa, Ontario
K2P 0M8

Contact: Mr. K. Lyle Bunn, Marketing manager

Tel: (613) 236-1321
No. of employees: 38
Market Focus: Federal and provincial government, agencies & branches. EDP consulting, software design & programming. Preparation of user & technical documentation.
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X037 X044 X046
X047 X051 X066 X067 X070 X085
X095 X094 X102 X105 X107 X120
X132

Other Information:
Specializes in data base/data communication consulting. Preparation of technical and user documentation, systems networking, office automation, and mini/micro system technology.

Toronto branch office.

SCA SYSTEMS LIMITED
10 Mount Forest Drive
Brampton, Ontario
L6Z 1B7

Contact: Mr. Stephen J. Cowell, President

Tel: (416) 846-1925
No. of employees: 1
Market Focus: Systems Development
Trade Names:

Consulting Classifications:
X004 X107

Other Information:
Specializing in: Preliminary Surveys/Problem Definition and Feasibility Studies.

SED SYSTEMS INC.
P.O. Box 1464
Saskatoon, Saskatchewan
S7K 3P7

Contact: Mr. Alex Curran, President

Tel: (306) 244-0976
No. of employees: 300
Market Focus: Aerospace, communications
Trade Names: N/A

Consulting Classifications:
X102

Other Information:
AEROSPACE - Remote Sensing; Special Instrumentation; Shuttle and Rocket Payloads; Satellite Ground Control Facilities; Satellite Systems Test Equipment; and Defense Electronics and Support.
COMMUNICATIONS - Terminals for voice, data, radio, telephony and television transmission and reception via satellite; Equipment for reception of T.V. and radio signals from satellites; Design and manufacture of 12 GHz Direct Broadcast Terminals; Sub-system and equipment manufacture e.g., radio program, T.V. and message receivers, codecs, modems, converters, and monitor, alarm and control systems; Microwave components, including mixers, power dividers, frequency multipliers, mixer-preamps, test translators and oscillators; Transportable earth stations; Mobile test facilities; Complete stations for reception from earth resources and weather satellites; Automatic telephone diallers; Low cost Telephony Terminal Satellite System; Research and development studies (orbit frequency utilization simulations, and satellite communications networks); Simulators and trainers.
INSTRUMENTATION AND CONTROL.-.Tractor, seeder, sprayer, grain loss, and combine monitors to supply the farmer with instant information on every operation from seeding to harvest; Sprayer, control systems; Storage and and bin monitors; Flow meters, totalizers, and tachometers; Industrial controllers; Development of specialized instrumentation for automation; and Weather systems.

SR TELECOM INC.
8150 Trans-Canada Highway
St. Laurent, Quebec
H4S 1M5

Contact: Mr. Frank Philpott, Sales Manager

Tel: (514) 335-1210
No. of employees:
Market Focus: Microwave subscriber radio system
Trade Names:

Product Classifications (Cdn. Content %):
N000 (N/P)

Other Information:
Originated concept of "Subscriber Radio" System suitable for voice, telex, facsimile and data transmission, designed to connect telephone system subscribers to a central exchange by microwave radio. System has been standardized in applications by telephone administrations in Sweden, the UK, New Zealand and in the developing countries.

S R B INTERNATIONAL LTD.
337 King Street West
Oshawa, Ontario
L1J 2T8

Contact: Mr. Dennis Sakamoto, President

Tel: (416) 433-2100
No. of employees: 6
Market Focus: Financial software package for funded environments such as municipalities, boards of education, colleges, universities and government agencies.
Trade Names: N/A

Software Classifications (Produced, endproduct):
T004 T044 T046 T085 T095

Other Information:
Specializes in financial system software packages including; Budgetary Accounting (BAS); Purchase Order Management/Tendering (POM); Receivable Accounting (RAS); On Line Payroll (OPS); Personnel and Security Management (SMS).

These packages are provided under license by SRB throughout North America.

S R P CONTROL SYSTEMS LTD.
62 Guided Court
Rexdale, Ontario
M9V 4K6

Contact: Mr. Gaspare A. Provenzano, V.P. Marketing

Tel: (416) 746-0117

No. of employees: 6
Market Focus: Supply high technology equipment for research & development, industrial, educational, power, aerospace, chemical, petro-chemical and mining industry
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (72%) W004 (68%) W005 (68%)
W006 (58%) W008 (63%) W010 (100%)
W011 (100%) W012 (65%) W013 (62%)
W014 (68%) W016 (72%)

Software Classifications (Distributed, embedded):
R004 S001 S007 S010 T006 T016
T019 T023 T039 T044 T045 T046
T047 T050 T067 T068 T080 T081
T093 T096 T105 T111 T113 T117
T120 T132

Consulting Classifications:
X006 X016 X019 X023 X039 X044
X045 X046 X047 X050 X067 X068
X080 X081 X093 X096 X102 X105
X107 X111 X113 X117 X132

Other Information:
Specialize in:
1) Hardware and software systems for Process Control, Data Acquisition, Graphics, and Transient Recording;
2) Complete systems for nuclear research and other research-related fields;
3) Process Control Systems and Instrumentation and Data Acquisition systems for industry;
4) Energy Management, Control and Instrumentation.
Software Package: PC/DBS (Process Control/Data Base System).

S.M.T.M. LTD. (SECURITY INFORMATION SYSTEMS)
306 Rutherford Rd. S.
Brampton, Ontario
L6W 3K7

Contact: Mr. Stan Green, Vice President

Tel: (416) 451-2177
No. of employees: 40
Market Focus: Access control security close circuit television
Trade Names: Security Information Systems Canadian Video Communications

Product Classifications (Cdn. Content %):
C005 (N/P) D006 (N/P) D008 (N/P)

Other Information:
Manufacture magnetic cardreaders, handgeometry readers, security microprocessors, security mirrors and alarm equipment.

SAGE MANAGEMENT CONSULTANTS
55 University Ave.
Toronto, Ontario
M5J 2H7

Contact: Mr. Ian R. Moore, Director

Tel: (416) 862-1980
No. of employees: 25
Market Focus: Transportation Consulting and Software Products
Trade Names:

Software Classifications:
T117

Consulting Classifications:
X117

Other Information:
Products include: Electronic Mail & Decision Support Tools, Data Base Management System (INFO8), Decision Support System (MEGA), and a Computer Conferencing System (PARTICIPATE).

SAMANDA OFFICE COMMUNICATIONS INC
120A Gibson Drive
Markham, Ontario
L3R 2Z3

Contact: Mr. G.Richard Cook

Tel: (416) 474-1870
No. of employees: 40
Market Focus: The Automated Office
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P) B005 (78%) I000 (80%)
J001 (N/P)

Other Information:
Manufactures and distributes; Printed Circuit enhancements for electronic typewriter and a stand alone Word Processing attachments for electronic typewriters. Currently has under development other micro processor based systems for the secretarial workstation.

SASKATCHEWAN TELECOMMUNICATIONS
2121 Saskatchewan Dr.
Regina, Saskatchewan
S4P 3Y2

Contact: Mr. N. Stepan

Tel: (306) 347-3737
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
N000 (N/P) O000 (N/P)

Other Information:
Specializing in Data Communications.

SCHERER SOUND LTD.
45 Norden Crescent
Don Mills, Ontario
M3B 1B7

Contact: Mr. Karl Scherer

Tel: (416) 445-1106
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
B000

Other Information:
Manufactures computer board, operating on CP/M system.

R. E. SCHIEDEL CONSULTING LTD.
Box 40
Drumbo, Ontario
N0J 1G0

Contact: R. E. Schiedel, President

Tel: (519) 684-7611
No. of employees: 2
Market Focus: Management and Insurance Counsulting
Trade Names:

Consulting Classifications:
X054 X132

Other Information:
Specializing in: Developing and Applying Concepts, Planning and Organizing Projects, Problem Solving, Detailed Analysis, Evaluating Structure, and Personnel Report Writing.

SCIEX INC.
55 Glencameron Road
#202
Thornhill, Ontario
L3T 1P2

Contact: Mr. W.A. Breukelman

Tel: (416) 881-4646
No. of employees: 90
Market Focus: Process Monitoring/Laboratory R&D/Enviromental Monitoring
Trade Names: TAGA 3000, TAGA 6000, ELAN-ICP/MS

Product Classifications (Cdn. Content %):
C005 (75%)

Other Information:
Muanfactures air quality and enviroment measurement equipment, mass spectrometer systems (quadruple), inductivity coupled plasma/mass spectrometer. Equipment can be used for liquid, solid and air analysis.

SENSTAR CORPORATION
Box 13430
Kanata, Ontario
K2K 1X5

Contact: Mr. R. Keith Harman, President

Tel: (613) 839-5572
No. of employees: 25
Market Focus: Outdoor Perimeter Security
Trade Names: SENTRAX

Product Classifications (Cdn. Content %):
C002 (95%) C005 (75%) M002 (95%)

SENTRY PRECISION SHEET METAL LTD.
20-L Enterprise Ave.
Nepean, Ontario
K2G 0A6

Contact: Mr. G.W. Wake, President & G.M.

Tel: (613) 224-4341
No. of employees: 40
Market Focus: Custom Metal fabrication for hi-tech industries
Trade Names: N/A

Product Classifications (Cdn. Content %):
B000 (100%)

Other Information:
Specialize in custom fabrication of sheet metal components for electronics and related industries, working to supplied drawing specifications calling for dimensional tolerances to .005", using state of the art manufacturing equipment - the Strippit FC1000 computer operated punch press. Full welding and finishing also available.

SERDULA SYSTEMS LTD.
Glendale Plaza, P.O. Box 1808
Deep River, Ontario
K0J 1P0

Contact: Dr. K.J. Serdula, President

Tel: (613) 584-4588
No. of employees: 5
Market Focus: Energy Sector
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (100%) W016 (100%)

Software Classifications (Produced):
T046 T102 T105 T117

Consulting Classifications:
X044 X046 X102 X105 X117

IRENE SEREDY
4018 Bishopstoke Lane
Mississauga, Ontario
L4Z 1J2

Contact: Mrs. Irene Seredy, Systems Analyst

Tel: (416) 276-6740
No. of employees: 2
Market Focus:
Trade Names:

Consulting Classifications:
X004 X107

Other Information:

SHAMROCK COMPUTER INC.
89 Telson Road
Markham, Ontario
L3R 1E4

Contact: Mr. Gerry Herlinger, President

Tel: (416) 474-0113
No. of employees: 6
Market Focus: Apple Computer Peripherals
Trade Names: DISC-WRITER, TEC-WRITER

Product Classifications (Cdn. Content %):
B000 (N/P) W002 (N/P) W006 (62%)
W008 (N/P) W011 (N/P)

Other Information:
Microcomputer Power Supply (CSA approval pending)
+ 5V @ 5A
+ 12V @ 2A (4A peak)
- 5V @ .5A
- 12V @ .5A
Physical Size suitable for mounting in Apple II computer. Fully enclosed with fuse, socket, and ON/OFF switch.

Ottawa branch office.

I.P. SHARP ASSOCIATES LTD.
2 First Canadian Place, Suite 1900
Toronto, Ontario
M5X 1E3

Contact: Ms. Rosanne Wild, Marketing Services Manager

Tel: (416) 364-5361
No. of employees: 550 (worldwide)
Market Focus: individuals, companies or groups who need to transmit data from separate centres of activity, need access to large quantities of public data. Large multinationals, financial and economic analysts, governments, aviation industry, actuaries, energy industry etc.
Trade Names:

Product Classifications (Cdn. Content %):
W002 (N/P) O002 (100%) O001 (100%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S001 S007 S010 T004
T006 T009 T016 T023 T037 T039
T044 T047 T051 T054 T068 T070
T074 T080 T085 T088 T093 T094
T096 T097 T105 T111 T113 T117
T120 T132

Consulting Classifications:
X107

Other Information:
Offer world's most comprehensive APL timesharing system; international, private, packet-switched communications network, which connects to major public carriers (eg. Datapac, Tymnet, and Telenet); world's largest library of online numeric data bases (concentrations in banking, securities, finance, economics, energy, aviation, insurance); and selection of applications software (including data base management systems, computer graphics, project planning/control, data retrieval/analysis, personnel systems, econometric analysis, survey analysis, leasing analysis, financial consolidation/control, actuarial applications, time series analysis/reporting, and electronic mail). Offers implementation of complete turnkey systems.
Ottawa and London branch offices.

SHAWINIGAN ENERGY CONSULTANTS LTD.
620 University Avenue
9th Floor
Toronto, Ontario
M5G 2C1

Contact: Mr. W.C. Angevine

Tel: (416) 597-2188
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T004 T102

Consulting Classifications:
X037

Other Information:
Specializing in Management Systems for control of large capital, multi-discipline projects.

SHORE TILBE HENSCHEL IRWIN PETERS
4 New Street
Toronto, Ontario
M5R 1P6

Contact: Mr. Dennis Peters, Partner

Tel: (416) 922-7711
No. of employees: 37
Market Focus: Architectural and engineering services
Trade Names: N/A

Consulting Classifications:
X070 X102

Other Information:
Have completed design and construction documents for over 30 buildings for research and development (total area: 1,468,620 sq. ft.).

JUDEE A. SIBBITT & ASSOC.
43 Madison Ave.
Toronto, Ontario
M5R 2S2

Contact: Ms. Judee Sibbitt, President

Tel: (416) 961-5141
No. of employees: 28
Market Focus: Management Consulting and Systems Development
Trade Names:

Consulting Classifications:
X004 X032 X037 X047 X070 X102 X107

Other Information:
Specializing in: Short Term Management and Turnaround of troubled DP centers. Strategic Planning, Operational Assessments and Market Research.

SIDUS SYSTEMS INC.
214 Merton Street, Suite 301
Toronto, Ontario
M4S 1A6

Contact: Mr. Al Muzar, V.P. Marketing

Tel: (416) 484-9560
No. of employees: 10
Market Focus: micro computers
Trade Names: Molecular Supermicro

Product Classifications (Cdn. Content %):
W002 (50%) W004 (30%) W005 (30%)
W006 (30%) W007 (100%) W010 (30%)
W011 (30%) W012 (50%) W013 (30%)
W014 (30%) W015 (20%) W016 (30%)

Software Classifications (Produced, embedded):
R001 R004 S001 S007 S010 T004
T019 T020 T023 T032 T051 T054
T064 T066 T067 T068 T070 T074
T076 T085 T088 T093 T094 T095
T100 T102 T105 T117 T120 T132

Consulting Classifications:
X004 X019 X068 X074 X085 X093
X095 X107 X120 X020 X032 X064
X066 X070 X094 X102 X105 X132
X023 X051 X054 X067 X076 X088
X100 X117

Other Information:
Distributes minicomputers, microcomputers, graphics systems, COM equipment, magnetic tape drives, teleprinters, storage equipment, modems, and multiplexors.

SIERRA SOFTWARE SYSTEMS INC.
1009-1177 West Hastings Street
Vancouver, British Columbia
V6E 2K3

Contact: Mr. G.R. Gisel, President

Tel: (604) 682-0994
No. of employees: 80
Market Focus: N/P
Trade Names: SIERRA

Software Classifications (Distributed, produced, endproduct):
T004 T046 T085 T088

Consulting Classifications:
X037

Other Information:
Develop and market specialized application software products for:
1) Drug Chain Industry - Prescription Management System, Financial Management System, Distribution Management System
2) Public Education - Student Registration and Recordkeeping, Student Scheduling, Student Marks Reporting, Student Attendance Reporting
3) Generalized Personnel/Payroll System.

SIMPACT EDUCATION & TRAINING LTD.
797 Don Mills Rd., Suite 1110
Don Mills, Ontario
M3C 1V2

Contact: Mr. Colin Burgess, Vice President

Tel: (416) 429-4746
No. of employees: 6
Market Focus: Providing management systems for information systems planning, development and operation
Trade Names: Prompt Methodology

Software Classifications (Distributed, produced, endproduct):
S010 T132

Consulting Classifications:
X107 X132

Other Information:
Specialize in providing Management Systems for Information Systems Management:
1) PROMPT I (Systems Planning);
2) PROMPT II (Systems Development);
3) PROMPT III (Systems Operations).

Have developed supporting software, EPAC, to aid in estimating, planning and controlling Information Systems projects.

SIMPLIFIED OPERATING SYSTEMS INC.
235 Yorkland Blvd.
Willowdale, Ontario
M2J 4Y8

Contact: Mr. Stan Bachelder, President

Tel: (416) 492-1922
No. of employees: 8
Market Focus: Application Software - Distribution/Manufacturing
Trade Names: S.O.S. Inc.

Product Classifications (Cdn. Content %):
W002 (65%) W006 (65%) W007 (65%)
W010 (65%) W011 (65%) W012 (100%)
W013 (65%) W014 (65%) W016 (65%)

Software Classifications:
S010 T004 T019 T074 T085 T094
T095 T120

Consulting Classifications:
X004 X019 X074 X085 X094 X095
X107 X120

Other Information:
Specialize in Distribution, Order Entry and Financial (recently received Canadian Software Award), Material Requirements Planning and Production Control.

SIMTRON LTD.
494 The Queensway
Unit 1
Peterborough, Ontario
K9J 7L9

Contact: Mr. John McAllister

Tel: (705)743-6903
No. of employees: 65
Market Focus: Design and manufacture of electronic systems with product lines including aircraft control systems, industrial security systems and subcontract electrical/electronic assembly.
Trade Names: MUX-490

Product Classifications (Cdn. Content %):
B008 (75%) C005 (75%) J001 (75%)

Other Information:
Specializing in: Specialized computer interfaces, Microprocessor-based aircraft systems, and Alarm systems.

SIMWARE INC.
969 Bronson Ave. Suite 212
Ottawa, Ontario
K1S 4G8

Contact: Mr. Tony Katz, General Sales Manager

Tel: (613) 235-6736
No. of employees: 11
Market Focus: System software for IBM mainframes
Trade Names: SIM3278, AZTC, SIMWARE, AZTEK

Software Classifications (Distributed, produced, endproduct):
S010 T004 T006 T009 T016 T023
T039 T044 T045 T046 T051 T054
T067 T081 T117

Other Information:
Specialize in system software for IBM mainframes: specifically to provide protocol conversion, allowing ASCll terminals and micros to function as simulated 3270 type devices.

E.P. SLEIGHT SOFTWARE CONSULTANTS INC.
2065 Finch Avenue West
Suite 401
Downsview, Ontario
M3N 2V7

Contact: Mr. Paul Sleight,President

Tel: (416) 745-1907
No. of employees: 8
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X086 X106

Other Information:
Areas of Specialization: System Conversions, TP Support, Education and Training, MVS Support, Operations Audits, Hardware Procurements, Performance and Custom Software Development.

SLOT MASON CONSULTANTS INC.
5 Selby Street
Suite 102
Toronto, Ontario
M4Y 1W3

Contact: Ms. Susan Mason

Tel: (416) 961-0324
No. of employees: 3
Market Focus: Word Processing Consulting
Trade Names:

Consulting Classifications:
X032 X037 X107 X120 X132 Z001

Other Information:
Specializing in Word Processing. Services include: feasibility studies, equipment selection, installation & transition to W.P., special applications & procedures (legal, accounting, advertising), interface to phototypesetting and custom training progress.

THE SMARTS
130 Woodridge Cr., #17
Nepean, Ontario
K2B 7S9

Contact: Mr. Tom A. Trottier, President

Tel: (613) 828-0842
No. of employees: 2
Market Focus: Small businesses using computers
Trade Names: N/A

Product Classifications (Cdn. Content %):
O002 (100%)

Consulting Classsifications:
X004 X032 X066 X074 X085 X095
X107 X120 Z001 X037 X044 X046
X091 X117

SOFPAK INC.
68 Highway #7, Suite 107
Ottawa, Ontario
K2H 8P5

Contact: Mr. Peter Karneef, President

Tel: (613) 829-8451
No. of employees: 3
Market Focus: Packaged software for business
Trade Names: Sofpak Inc., Kanatek Micro

Product Classifications (Cdn. Content %):
W004 (10%) W008 (10%) W011 (10%)
W012 (10-90%)

Software Classifications (Distributed, produced, endproduct):
S001 S007 S010 T004 T006 T023
T032 T037 T066 T085 T091 T094
T095 T096 T105 T120 T132

Other Information:
Proprietary Software Products:
1) Canadian Payroll Package;
2) Communications Automatic Billing Package;
3) Jewellery Appraisal Package;
4) Custom Business Software Design;
5) Software packages for MS-DOS, CPM-86, QUNIX Operating Systems;
6) Sporting Goods Importer/Distributor System;
7) Manufacturing Packages.

SOFTOV CONSULTANTS
360 Bloor St. East, Suite R102
Toronto, Ontario
M4W 3M3

Contact: Mr. Dov Sharon, Director, Software Products

Tel: (416) 494-5972
No. of employees: 2
Market Focus: Engineering
Trade Names: SOFTOV Consultants

Software Classifications:
T023 T044 T102 T117

Consulting Classifications:
X023 X044 X102 X117

Other Information:
Manufactures and markets: HIGHCALC - first civil engineering package for IBM Personal Computer, for cut and fill calculation in land development, highway design or construction; STARNET - project management system, developed at University of Waterloo, for microcomputer applications, schedules time and resources up to 800 activities and 1400 relations for minimum configuration (based on Precedence Method).

THE SOFTWARE GROUP
Box 412
Creemore, Ontario
LOM 1G0

Contact: Mr. Derek Vair, President

Tel: (416) 94-3718
No. of employees:
Market Focus: Microcomputers: systems software users of data communications software
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (N/P)

Software Product Classifications:
R001 T117 T120

Consulting Classifications:
X107 X117 X120

Other Information:
Proprietary Software: XIP - X25 Interface Package (portable X-25 access method for computers coupled with CCITT-standard PAD facilities); ATERM (Asynchronous Terminal Emulation for 8086 and 8080 computers - Records and plays back files - screen control facilities. Available on IBM PC.) Specialize in data communications network design/consulting/implementation.

SOFTWARE DESIGN
548 St. James Street
London, Ontario
N5Y 3P6

Contact: Ms. Linda Leonard Zimmerman, President

Tel: (519) 439-5036
No. of employees: 2
Market Focus: Businesses or organizations using micocomputers (with CP/M, CP/M-86 or MS-DOS operating systems)
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 S010 T020 T032 T067 T076
T085 T094 T120

Consulting Clasifications:
X067 X107

Other Information:
Data Base II applications, training; Word Star training; Computer Literacy:- C.I.R.S. (Community Information Retrieval System); M/DDS (Medical/Dental Data System).

SOFTWARE MATCHMAKERS INC.
21 Chase Road
Toronto, Ontario
M2J 2S1

Contact: Ms. Shiela J. Mitchell, Secretary/Treasurer

Tel: (416) 222-6852
No. of employees: 5
Market Focus: Match software seekers with software suppliers
Trade Names: Software Matchmakers

Software Classifications (Distributed):

R001 R004 S001 S007 S010 T004
T006 T009 T016 T019 T020 T023
T032 T037 T039 T044 T045 T046
T047 T050 T051 T054 T064 T066
T067 T068 T070 T074 T076 T081
T085 T088 T091 T093 T094 T095
T096 T093 T094 T095 T100 T102
T105 T111 T113 T117 T120 T132

Other Information:
Canada-wide software referral service, with a data base of packages available for a variety of computer software programs.

SOFTWORDS
235-560 Johnson Street
Victoria, British Columbia
V8W 3C6

Contact: Ms. Ellen Godfrey, President

Tel: (604) 381-5502
No. of employees:
Market Focus: Computer assisted learning and consultation services
Trade Names: N/A

Software Classifications:
T020

Other Information:
Company supplies courseware using NATAL, Pascal,C and UNIX. Specializes in providing linkages between traditional CAL structures and data base information access strategies. Provides CAL and Telidon consultation services, and software marketing services for Canadian firms including low-cost Telidon picture creation systems for microcomputers.

Press Porcepic Ltd. has published technical books on industrial strategy and telematics, eg. "The Technical Entrepreneur", "Gutenberg Two" and "The Telidon Book". The company is also involved in on-line publishing.

SONEX
P.O. Box 3182
Station 'D'
North York, Ontario
M2R 3G6

Contact: Mr. Biberstein, President

Tel: (416) 223-6603
No. of employees: 4
Market Focus: Systems Development and Management Consulting
Trade Names:

Consulting Classifications:
X107

Other Information:
Provides custom programming and systems analysis. Specializes in IBM Assembler under DOS or OS for batch and on-line (CICS) systems. Developed macros and utilities to aid in program development, program testing and program maintenance.

SPAR AEROSPACE LTD.
Royal Bank Plaza, South Tower, P.O. Box 83
Toronto, Ontario
M5J 2J2

Contact: Mr. Larry D. Clarke, Chief Executive Officer

Tel: (416) 865-0480
No. of employees: 2,000
Market Focus: Systems and products for aerospace, aviation, communications, defence, manipulator and mapping markets
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (N/P)

Other Information:
- supplier and major international manufacturer of satellite communications systems, including satellites and satellite subsystems. Produce satellite earth station subsystems and components for international markets.
- prime contractor for Remote Manipulator Systems for NASA's Space Shuttle programs with expertise in development of remote manipulators for industrial applications as well as satellite solar array panels.
- two divisions develop electro-optic products, and build electronic assemblies for satellites.
- has developed infrared surveillance system for passive detection of ships, missiles and aircraft for defence and navigation purposes.
- manufactures and assembles light-weight, high-speed, high-torque power transmission systems and equipment for gas turbine engines and fixed and rotary wing aircraft. Also repair and overhaul aircraft components and sells aviation products and accessories.
- supplier (through Northway-Gestalt) of digital mapping and aerial photography, surveying and mapping to more than 60 countries.

Mississauga, Ottawa, Kanata, Weston, Toronto, Calgary, and Ste-Anne-de-Bellevue branch offices.

W.D. SPARLING
555 Simcoe St. S.
Prince Albert, Ontario
L0B 1P0

Contact: Mr. W.D. Sparling

Tel: (416) 985-8001
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X131

Other Information:
Specialize in: Operational Management

SPECTRIX MICROSYSTEMS INC.
431 Alden Rd.#10
Markham, Ontario
L3R 4N4

Contact: Mr. Paul Knechtel, V.P. Marketing

Tel: (416) 474-1955
No. of employees:
Market Focus: Business applications
Trade Names: Spectrix

Product Classifications (Cdn. Content %):
B005 (75%) B008 (75%) C002 (40-70%)
G001 (N/P) G002 (N/P) G003 (N/P)
H001 (N/P) J001 (N/P) O003 (N/P)
W012 (N/P)

Software Classifications (Distributed):
R001 R004 S001 S007 S010 T004
T019 T020 T023 T032 T039 T047
T051 T054 T064 T066 T068 T074
T076 T080 T085 T088 T093 T094
T095 T105 T117 T120

Other Information:
Manufactures a multi-user 16/32 bit microcomputer and has developed a multi-user microcomputer operating system, both sold through dealers across Canada.

ST. CLAIR VIDEOTEX DESIGN INC.
40 St. Clair Avenue West 8th Floor
Toronto, Ontario
M4V 1M6

Contact: Ms. Barbara Nelson, Vice President, Marketing

Tel: (416) 961-8707
No. of employees: 11
Market Focus: All private & public users of electronic communications
Trade Names: St. Clair Videotex Design Inc.

Product Classifications (Cdn. Content %):
W002 (95%) O002 (95%)

Software Classifications:
T096

Consulting Classifications:
X044 X046 X074 X107

Other Information:
Specialize in complete data base design and structure services for all Telidon-compatible systems and data bases. In addition to page creation for data base applications, produce stand-alone presentations with or without full production soundtracks, (using the Norpak Electronic Projector System - EPS-1), for speaker support, trade shows, conventions, management presentations, etc. Includes productions for 35MM and videotape applications. Have designed quizzes and games for EPS-1 and data base applications, and created greatest number of data base packages on the Videopress touch-sensitive system in the Toronto Eaton Centre.

STATE CONTRACTORS INC.
37 Martin Ross Avenue
Downsview, Ontario
M3J 2L3

Contact: Mr. Norman H. Matthews, National Industrial Sales

Tel: (416) 661-0610
No. of employees:
Market Focus: Automation division - computer software for material handling, energy management, fire protection
Trade Names: "FAST" - SPCL

Product Classifications (Cdn. Content %):
B008 (100%) W012 (100%) O002 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T068
T093 T094 T023

Other Information:
Specialize in engineering and implementing state automation control systems for materials handling, production monitoring, process control, building automation, and energy management.

Capabilities cover all phases of comprehensive control system implementation program: design and fabrication of special solid state interfaces; field installation and commissions; preparation of operation and maintenance manuals; staff training; and maintenance/service.

P.M. SULCS & ASSOCIATES LTD.
3910 Bedwell Bay Road
Burnaby, B.C.
V5G 3X5

Contact: Mr. M. Sulcs, Secretary/Treasurer

Tel: (604) 437-4494
No. of employees: 12
Market Focus: Minicomputer on-line business systems
Trade Names: N/A

Software Classifications:
T004 T006 T046 T074 T080 T085
T095 T094 T117 T120

Consulting Classifications:
X004 X006 X019 X037 X046 X068
X074 X080 X085 X093 X094 X095
X117 X120

Other Information:
Specialize in business applications, specifically in on-line screen oriented systems. Services include Feasibility studies, Analysis of processing requirements, Hardware/software and services selection, Preparation of tender documents, Analysis and evaluation of proposals, Recommendations and plans for implementation, Contract preparation and negotiation, Development of standards for data processing, Temporary data processing facilities management, Management of hardware and software installations, Planning and management of project development and implementation, Project estimating/scheduling and control, Project review and audit, Consultation on application design, Development and implementation of entire systems, Training of operating and user personnel.
Deal with a number of hardware vendors, across a broad range of application languages. This includes most of the best known computers and models, and all of their popular operating systems. Market specialization is for local government, log control systems, material and food distibution.

SUN COMPUTERS LTD.
300 Steelcase Road W.
Unit 21
Markham, Ontario
L3R 2W2

Contact: Mr. Richard Belanger, Vice-president

Tel: (416) 495-9699
No. of employees: 7
Market Focus: Systems Development
Trade Names:

Software Classifications:
R001 T004

Other Information:
Offers: Turnkey micro & mini systems using CP/M and MP/M operating systems as well as UNIX operating systems, "BASIC" and "C" language application packages, Turnkey systems for general business and Financial appications, and Word Processing/text editing/photo typesetting.

SUNSHINE SOFTWARE
Box 3998, Station C
Ottawa, Ontario
K1Y 4P2

Contact: Mr. Al Rycroft, President

Tel: (613) 728-6557
No. of employees: 4
Market Focus: Providing software consulting to business & government
Trade Names: N/A

Software Classifications (Produced, endproduct):
T120

Consulting Classifications:
X044 X046 X050 X051 X120

Other Information:
Specialize in: Database systems, UNIX system development and applications, Office Automation.
Toronto and Waterloo branch offices.

SYDNEY DEVELOPMENT CORPORATION
600 - 1385 West 8th Avenue
Vancouver, B.C.
V6H 3V9

Contact: Mr. R.W. Shearing, Branch Manager
(London, (519) 672-6475)

Tel: (604) 734-8822
No. of employees: 175-200 worldwide
Market Focus: Computer software - packaged business applications, education and games
Trade Names: CONQUER, CONNECT II, SM DECISION, EVOLUTION

Software Classifications (Distributed, produced, endproduct, embedded):
R001 S010 T004 T037 T067 T091 T097

Consulting Classifications:
X047 X050 X051 X054 X088

Other Information:
Software packages - project management, dentist office, games, education, custom interiors and drapery. Consulting services - business systems planning, application development, and project management. Education - Project Management Course.

London, Ottawa, and Toronto branch offices.

SYNCHRONIZED INFORMATION SYSTEMS INC.
5459 Yonge Street
Willowdale, Ontario
M2N 5S1

Contact: Mr. Stephen Lau, President

Tel: (416) 224-1313
No. of employees: 7
Market Focus: Educational Software & Computer Graphic Arts
Trade Names: SIS Computer Store

Product Classifications (Cdn. Content %):
W002 (65%) W004 (15%) W005 (65%)
W006 (10%) W007 (65%) W008 (65%)
W010 (65%) W011 (65%) W012 (65%)
W013 (65%) W014 (65%) W015 (65%)
W016 (65%)

Software Classifications (Produced, endproduct):
T019 T020 T032

Consulting Classifications:
X004 X074 X085 X095 X107

Other Information:
Specialize in:
1) educational software and accounting systems,
2) touch panel graphic system primarily for educational use (and specialized system for handicapped people),
3) software for graphic arts design,
4) IBM software utilities,
5) computer game software.

SYNERGO INFORMATION SYSTEMS INC.
Box 443, Station A
Ottawa, Ontario
K1N 8V5

Contact: Mr. Joseph G. Debanne, President

Tel: (613) 231-5721
No. of employees: 4
Market Focus: Large corporations, manufacturing and distribution firms
Trade Names: SYNERGO INFORMATION SYSTEMS INC.

Consulting Classifications:
X132

Other Information:
Specializes in Management Information Systems (M.I.S.) analysis and design and in development of Decision Support Systems.

Develop the fastest large scale optimization package in production planning and capacity expansion planning.

SYS-TECH INC.
46 Pilkey Road
Agincourt
M1B 2A9

Contact: Mr. Richard S. Palkowski, President

Tel: (416) 284-8035
No. of employees: 3
Market Focus: Computer systems/consulting/software/new users
Trade Names: N/A

Software Classifications:
S010 T004 T085 T094 T117 T120

Consulting Classifications:
X004 X085 X094 X107 X117 X120

Other Information:
Proprietary software - general ledger, accounts receivable, accounts payable, mailing lists/solicitations, payroll and direct invoicing, and Inventory and Pricing software system for bullion industry.

SYSCOR COMPUTER PRODUCTS INC.
211 Telson Road - Unit 3
Markham, Ontario
L3R 1E7

Contact: Mr. Rayer Parry, President

Tel: (416) 474-1470
No. of employees: 10
Market Focus: Computer Supplies
Trade Names: SYSCOR SUPER---- (eg. SUPERSAVE, SUPERREAD)

Product Classifications (Cdn. Content %):
W008 (20-30%)

Other Information:
Supplier of computer stock forms, data processing cards, ribbons and magnetic media, as well as magnetic media maintenance.

SYSDOC INTERNATIONAL INC.
213 Albany Avenue
Toronto, Ontario
M5R 3C7

Contact: Ms. Diana Patterson, President

Tel: (416) 532-9143
No. of employees: 4
Market Focus: Documentation
Trade Names:

Consulting Classifications:
X004 X009 X037 X044 X046 X054
X067 X074 X076 X080 X081 X085
X095 X102 X107 X117 X120 X132
Z001

Other Information:
Specializes in computerized documents, from text and word processing to completely on-line document systems. Services include: Writing and producing audio-visual presentations, feasibility studies, management reports, speeches,etc; Preparation of administrative procedures; Training of technical writers, and programmers who must document; Commenting uncommented code; Documenting of operator functions, system programmer functions, applications analyst and programmer functions, and user tips and techniques.

SYSTECH LIMITED
1001 Ouest, Boulevard de Maisonneuve
Suite 700
Montreal, Quebec
H3A 3C8

Contact:

Tel: (514) 284-9670
No. of employees: 80
Market Focus:
Trade Names:

Software Classifications:
T004

Consulting Classifications:
X037 X117

Other Information:
Specializing in: Data Base-Financial Systems, Turnkey Systems, IMS Utility Package Development, and Management Consulting. Ontario branch office-1867 Yonge Street, Toronto.

SYSTEM DYNAMICS CORP.
151 Esna Park Dr.
Markham, Ontario
L3R 3B1

Contact: Mr. Frank Ciacci, Director of Marketing

Tel: (416) 475-5155
No. of employees: 12
Market Focus: General Business, Manufacturers
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W008 (N/P) W011 (N/P)
W012 (100%) W013 (N/P) W014 (N/P)
W015 (N/P)

Software Classifications:
S010 T004 T016 T054 T068 T070
T074 T076 T085 T091 T094 T095
T111 T117 T132

Consulting Classifications:
X004 X016 X068 X070 X074 X085
X094 X095 X107 X132

Other Information:
Proprietary software - Business Management System, Manufacturing Information Control System, Job Costing System, EASI-CALC, EASI-Report, and EASI-Inquiry.

SYSTEMATIX CONSULTANTS INC.
27 Queen Street East
Suite 903
Toronto, Ontario
M5C 2M6

Contact: Mr. Wally Hesse, Director of Marketing

Tel: (416) 862-8030
No. of employees: 50
Market Focus: Data Processing Consultants
Trade Names:

Consulting Classifications:
X004 X032 X037 X047 X107 X132

Other Information:
Services include: Determination of client objectives; Evaluation of required resources - equipment, personnel, budget; Feasibility studies; Equipment selection; Evaluation, selection, training of personnel; System Design; Preparation of detailed specifications; Procedures documentation; Project Implementation; and Project supervision.

SYSTEMHOUSE Ltd.
146 Front St. West, 7th Floor
Toronto, Ontario
M5J 1G2

Contact: Mr. Larry Lloyd, Branch Manager

Tel: (416) 595-9666
No. of employees: 50
Market Focus: Computer systems consulting, development and products
Trade Names: N/A

Software Classifications:
R001 S010 T004 T006 T019 T051
T067 T074 T080 T085 T095 T117
T120

Consulting Classifications:
X004 X006 X019 X044 X046 X047
X051 X067 X070 X074 T076 T080
X085 X095 X097 X102 X105 X107
X117 X120 X132

Other Information:

SYSTEMHOUSE Ltd.
99 Bank St.
Ottawa, Ontario
K1P 6B9

Contact: Mr. Peter Sandiford,
Vice-President, Canadian Operations

Tel: (613) 236-9734
No. of employees: 750
Market Focus: All business and government
Trade Names: HFMS, CR/ADT, CMS, DBS, MINISIS

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T019 T023 T037 T039 T044
T046 T047 T051 T054 T067 T070
T074 T076 T080 T085 T093 T094
T095 T096 T097 T105 T117 T120

Consulting Classifications:
X004 X006 X009 X019 X023 X032
X037 X039 X044 X046 X047 X051
X054 X066 X067 X070 X074 X076
X080 X085 X091 X093 X094 X095
X096 X097 X105 X107 X117 X120
Z001

Other Information:
Large scale custom development for government and business.
Products include: RAMS-Resource Analysis and Mapping, MINISIS-Bibliographic Database Management, DBS-Distribution and Business System, GMS-General Manufacturing System, CEADS-Drafting, ADAM-Distribution and Management, BEMS-Building Energy Management, Telidon/3000-Videotex for the HP3000, HFMS and CR/ADT-Financial and Patient Management, System/COP/3000-Development tool for HP3000.
Ontario branch offices in Ottawa, Toronto and London.

SYSTEMHOUSE Ltd. - Healthcare Systems Division
275 Slater Street - 6th Floor
Ottawa, Ontario
K1P 5H9

Contact: Mr. David J. McConomy, V.P., Healthcare Systems Division

Tel: (613) 236-9734
No. of employees: 800
Market Focus: Hospitals over 200 beds
Trade Names: Systemhouse Ltd. (SHL)

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W007 (N/P) W008 (N/P)
W010 (N/P) W011 (N/P) W012 (N/P)
W013 (N/P) W014 (N/P) W015 (N/P)
W016 (N/P)

Software Product Classifications:
T047 T051 T076

Other Information:

TAF COMPUTERS SYSTEMS LTD.
2828 Dufferin Street
Toronto, Ontario
M6B 3S3

Contact: Mr. Anthony Patafio, President

Tel: (416) 781-3549
No. of employees: 6
Market Focus: Hardware/Software Retailer
Trade Names:

Product Classifications (Cdn. Content %):
W002 (N/P) W008 (N/P) W011 (N/P)
W014 (N/P)

Software Classifications:
T004 T006 T009 T023 T039 T047
T054 T064 T096 T097 T102

Other Information:
Offers a wide range of hardware/software including: North Star Computers, Xerox Information Processor Systems, Commodore Business Machines, CRT terminals, Printers, Personal Computers, General Accounting Systems, Word Processing Systems and Aids, and Data Management Systems.

TDC GRAPHICS
80 Royal Crest Road
Rexdale, Ontario
M9V 4C1

Contact: Mr. C. Preston

Tel: (416) 749-3970

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
W002 (N/P)

Software Classifications:
T022

Other Information:
Refer to Omnitech

TEO COMPUTERS & PERIPHERALS INC.
218 Yorkland Blvd.
Willowdale, Ontario
M2J 1R5

Contact: Mr. Ron Planche, Sales & Marketing Manager

Tel: (416) 493-8558
No. of employees: 17
Market Focus: Consumers and Business Sales
Trade Names: Tiger, Performer, Companion

Product Classifications (Cdn. Content %):
W002 (40%) W004 (50%) W006 (50%) W007 (100%) W008 (50%) W010 (50%) W011 (50%) W012 (100%) W014 (50%) W015 (50%)

Software Classifications (Distributed, produced, endproduct, embedded):
R004

Other Information:
Specializes in LOCAL AREA NETWORK for Apple and IRM Microcomputers or compatible products.

Design and market software applications for portable hand held computers.

T I L SYSTEMS LIMITED
Suite 1100, 60 Yonge, Street
Toronto, Ontario
M4E 1H5

Contact: Mr. Alan R. Aitchison, Vice-President

Tel: (416) 869-1157
No. of employees: 52
Market Focus: Communications networks for multi-branch companies
Trade Names: TIL, TIL SYSTEMS, TIL AUTOSWITCH SYSTEM, TIL AUTOGRAPHIX SYSTEM

Product Classifications (Cdn. Content %):
C002 (80%) C005 (80%) H001 (80%)
I000 (80%) O004 (80%)

Software Classifications (Produced, endproduct, embedded):
R001 R004 S001 S007 S010 T037
T091 T096 T102 T117 T120

Consulting Classifications:
X107

Other Information:
Has designed and produces the only X.25 compatible terminal commercially available. Clients are in the communications, oil, automobile and finance industries.

TLB ASSOCIATES
545 Marksbury Street
Pickering, Ontario
L1W 2S7

Contact: Mr. Terry Bow, Senior EDP Consultant

Tel: (416) 839-4614
No. of employees: 2
Market Focus: Resource Management and Hardware/Software Planning
Trade Names:

Consulting Classifications:
X004 X107

Other Information:
Services include: Project Teams based on sub-contract personnel, On-line Education Support during system development, Trouble shooting with problem systems and projects, Project Management/Systems Analysis by individuals with specialist knowledge of MVS/JES2/TSO/CICS, and Hardware/Software Feasibility and Planning.

T R W DATA SYSTEMS
270 Yorkland Blvd.
Willowdale, Ontario
M2J 1R8

Contact: Mr. James F. Clark, Computer Sales Representative

Tel: (416) 491-9606
No. of employees: 135
Market Focus: Multiple function micrometer systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (55%) W004 (55%) W005 (55%)
W006 (55%) W008 (70%) W010 (55%)
W011 (55%) W012 (N/P) W013 (55%)
W014 (55%) W015 (55%) W016 (55%)

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S001 S007 S010 T004
T037 T074 T085 T095 T088 T120

Other Information:
Specialize in hardware and software integration. Expertise in retail and financial systems. Will do custom application development for a variety of industries.

T S I TRAINING SYSTEMS INTERNATIONAL INC.
9-1214 West 7th Avenue
Vancouver, British Columbia
V6H 1B7

Contact: Mr. Alan Gough, Vice-President, Research & Development

Tel: (604) 736-9779
No. of employees: N/A
Market Focus: Industrial and educational human resource training and development
Trade Names: TSI Training Systems International Inc.

Product Classifications (Cdn. Content %):
B005 (85%) D014 (75%) I000 (85%)
W008 (100%) W012 (100%) W016 (85%)

Software Classifications (Distributed, produced, endproduct, embedded):
R004 S010 T006 T020 T032 T067
T096 T117

Consulting Classifications:
X006 X016 X032 X039 X054 X067
X096 X107 X117 Z001

Other Information: Specialize in:
1) Design and delivery of training courseware in stand up instruction, workbooks, linear video and interactive video delivery modes.
2) Proprietary hardware - software include the C.A.T.I. 700 II microcomputer including the "Tutorial" and student disks.
3) Other proprietary software include TSI's "Industrial Electronics", interactive video-based training programs.

T.W.P. SYSTEMS LIMITED
28 A Warnsworth Street
Scarborough, Ontario
M1E 2L9

Contact: Mr. Ted Piotrowski, President

Tel: (416) 281-4395
No. of employees: 1
Market Focus: Data Processing and Systems Consulting
Trade Names:

Consulting Classifications:
X107 X132 Z001

Other Information:
Provides consulting services in the area of computer programming, systems analysis, and management with expertise at the technical, end user and management levels.

TARGA ELECTRONICS SYSTEMS INC.
P.O. Box 8485 3101B Hawthorne Rd.
Ottawa, Ontario
K1G 3H9

Contact: Mr. Les Horn, Sales Manager

Tel: (613) 731-9941
No. of employees: 12
Market Focus: Rugged environmental mass storage (electronic)
Trade Names: N/A

Product Classifications:
G003 (70%)

Other Information:
Produce rugged environment, mass storage systems using Bubble Memory. Memory is in removable media cartridges which do not lose data or programs with power removed. System is 100% solid state and can record and store data in spite of shock, vibration, dust, ingress or moisture. Also totally wear-free, suited to the mobile computing and data acquisition environment.
Systems: DR3101 Bubble Memory Data Recorder, Solidrive FDE525 Floppy Disk Emulator, CH2100 Cartridge Holder/Interface.

R. TAROF ASSOCIATES
R.R. No.2
Ridge Road West
Aurora, Ontario

Contact: Mr. R. Tarof

Tel: (416) 727-2913
No. of employees:
Market Focus:
Trade Names:

Software Classifications:
T000

Other Information:
Specializes in Applications Software.

TATHAM TECHNISKILLS CORP.
1 Yonge Street
Suite 1502
Toronto, Ontario
M5E 1J9

Contact: Mr. Charles Martin

Tel: (416) 367-1870
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
Z001

Other Information:

TAURUS COMPUTER PRODUCTS INC.
1755 Woodward Dr.
Ottawa, Ontario
K2C 0P9

Contact: Ms. Rhonda Birenbaum,
Communications Co-ordinator

Tel: (613) 226-5361
No. of employees: 13
Market Focus: Industrial process control and laboratory automation
Trade Names: Taurus Lab, Taurus One, Taurus Bus

Product Classifications (Cdn. Content %):
B008 (N/P)

Other Information:
Specialize in manufacture of Firmware - internal, real-time operating systems.

TAYLOR ASSOCIATES GROUP
Box 406, Station 'Z'
Toronto, Ontario
M5N 2Z5

Contact: Mr. Clinton Taylor

Tel: (416) 481-1632
No. of employees:
Market Focus: Data Processing ConsultantsmSoftware Classifications:
T004

Trade Names:

Consulting Classifications:
X037 X117

Other Information:
Specializing in: Systems Analysis, Systems Design and Computer Programming Support for large scale IBM systems and CP/M based micro-computer systems. Also specializing in Information and Management Consulting. Head Office-909-350 Sparks Street, Ottawa.

TEAM APPROACH LTD.
4 Abingdon Dr.
Nepean, Ontario
K2H 7M3

Contact: Mr. Terry Young, Vice-President

Tel: (613) 829-7848
No. of employees: 2
Market Focus: Customized micro-computer systems & networks
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct, embedded):
R004 S001 S007 S010 T004 T032
T020 T044 T085 T023

Consulting Classifications:
X004 X009 X019 X023 X032 X037
X044 X045 X066 X067 X070 X076
X085 X095 X102 X105 X107 X120
X132 Z001

Other Information:
Distributes the PORT operating system for the IBM Personal Computer. Developed and controlled by Waterloo Microsystems Inc. (Waterloo, Ontario), software makes the IBM PC a multi-tasking, networking machine with state of the art user interface. It gives Team Approach the capability of developing sophisticated microcomputer systems including large local area networks.

Specializes in consulting services, in the areas of financial and general information systems particularly with HP3000 hardware and service bureaus. Is currently developing a financial package using the PORT operating system.

TECHNETRONIC INC.
7th Floor - 325 Dalhousie St.
Ottawa, Ontario
K1N 7G2

Contact: Mr. John M. Gray, President

Tel: (613) 563-4666
No. of employees: 20
Market Focus: The provision of products with which to manage and plan the operation of IBM computer systems and networks.
Trade Names: N/A

Software Classifications:
R004

Consulting Classifications:
X107

Other Information:
Designs, develops, markets and supports a product line "COPERNICUS 820", which analyzes and predicts the performances of medium and large IBM computer systems and data communications networks. The COPERNICUS 820 system enables customers to make more efficient use of their existing hardware, software and data processing personnel, and also to plan cost-effective expansion of computer and network facilities. This process is known as Computer Capacity Management. The COPERNICUS 820 uses colour graphics and microprocessor technology.

TECHNO-ECONOMIC RESEARCH UNIT LTD.
1240 Bay Street, # 201
P.O. Box 1069, Station F
Toronto, Ontario
M4Y 2T7

Contact: Mr. E. R. Anderson, Managing Director

Tel: (416) 961-4691
No. of employees:
Market Focus: Management Consultants in Economics,Marketing and Planning
Trade Names:

Consulting Classifications:
X070 X105 X130 X132

Other Information:
Specializing in: Industrial Policy, development and impacts; Industrial Marketing Research and Surveys; International Trade; Techno-economic and (new) product evaluatations; Feasibility of an expansion or new plant; Marketing Management Audits; Attitudinal Surveys; and Econometrics, Operations Research and Statistics.

TEDAC COMPUTER SERVICES INC.
1260 Bay Street
Toronto, Ontario
M5R 2B1

Contact: Mr. Peter T. Jensen, President

Tel: (416) 923-7344
No. of employees: 4
Market Focus: Custom Software
Trade Names:

Software Classifications:
R001 T004 T105

Consulting Classifications:
X028 X107

Other Information:
Specializing in: Membership Information Processing, Financial Applications, Mailing Lists, Masters Lists, Statistical Analyses, and Optical Scanning.

TEKLOGIX Inc.
1199 Fewster Drive
Mississauga, Ontario
L4W 2A9

Contact: D.H. Lundy, Sales

Tel: (416) 625-5673
No. of employees: 30
Market Focus:
Trade Names: TEKLOGIX, TLX, TEKSCAN 80

Product Classifications:
W002 (80%) B008 (80%) H001 (80%)

Software Classifications:
T093 T094

Other Information:
Specialize in:
1) Manufacture, installation and maintenance of TEKSCAN 80 radio linked terminal system for material handling and other applications.
2) Process and inventory control systems related to material handling applications.
3) Design and manufacture of specialized computer control system hardware and software to specification.

TEKTRONIX CANADA INC.
50 Alliance Blvd.,
P.O. Box 6500
Barrie, Ontario
L4M 4V3

Contact: Mr. Warren Clark, President and General Manager

Tel: (705) 737-2700
No. of employees: 125
Market Focus: Industry/Education/Research
Trade Names: Tektronix, Tek, Telequipment, Scopemobiles

Product Classifications (Cdn. Content %):
W002 (30%) W004 (30%) W005 (30%)
W006 (30%) W010 (30%) W011 (30%)
W012 (30%) W013 (30%) W014 (30%)
W016 (30%)

Software Classifications (Distributed):
T019 T102 T105

Other Information:
Branch offices:
Tektronix Canada Inc., Unit 20/21, 89 Galaxy Blvd, Rexdale, Ontario, M9W 6A4 (tel: 416-675-3865)
Tektronix Canada Inc., 1642 Woodward Drive, Ottawa, Ontario, K2C 3R8 (tel: 613-225-2850).

TELE-SPACE INFORMATION
33 Orchard View Blvd.
Suite 801
Toronto, Ontario
M4R 2E9

Contact: Ms. Uriel Domb, President

Tel: (416) 482-1775
No. of employees: 2
Market Focus: Systems Development and Management Consulting
Trade Names:

Consulting Classifications:
X004 X037 X070 X080 X102 X107
X117 X132

Other Information:

TELERIDE/SAGE
156 Front Street West, 5th Floor
Toronto, Ontario
M5J 2L6

Contact: Mr. Ian R. Moore, Director of Marketing

Tel: (416) 596-1940
No. of employees: 56
Market Focus: The transit industry
Trade Names: TELERIDE SAGE

Software Classifications:
T085 T113 T117

Consulting Classifications:
X107 X102 X113 X117

Other Information:
Teleride Developments Limited, and SAGE Management Consultants are interrelated companies, owned 50% by Ontario Energy Corporation. Companies have a history in development and marketing of computer-based transit information, scheduling and management systems. Presently working on transit information, communications and control systems (TICCS) in Ontario.

TERRA SCIENCE SYSTEMS LTD.
1574 West 2nd. Avenue
Vancouver, B.C.
V6J 1H2

Contact: Mr. Jim Reith, Manager

Tel: (604) 734-3443
No. of employees: 7
Market Focus: Geotechnical, structural and marine transducers and data acquisition systems.
Trade Names: N/A

Product Classifications (Cdn. Content %):
W016 (75%)

Software Classifications (Produced, embedded):
T080

Consulting Classifications:
X080

Other Information:
Specializes in investigation and monitoring systems for geotechnical, structural and marine engineering. In addition to custom transducers, manufactures a flexible data acquisition system capable of supporting up to 1024 channels of a variety of inputs. Software is provided for monitoring or scientific data analysis.

TETRAD COMPUTER APPLICATIONS LTD.
740 Nicola St.
Vancouver, B.C.
V6G 2C2

Contact: Cancan Stan Gray, Vice President

Tel: (604) 685-2295
No. of employees: 8
Market Focus: Slide presentation system for managers/economists/marketers, etc.
Trade Names: GRAPHIT, SPRED

Product Classifications (Cdn. Content %):
W002 (21%) W012 (100%)

Software Classifications (Produced, embedded):
T023 T080 T097

Consulting Classifications:
X102 X105 X023 X080 X087

Other Information:
Specialize in:
1) GRAPHIT (slide presentation system utilizing a camera device and a RAMTEK colour monitor and bit pad driven by IBM PC). Instronics, Toronto. 2) SPRED (critical path scheduling package). Distributes graphics systems and displays.

THALAMUS Electronics Inc.
3688 Nashua Dr.
Mississauga, Ontario
L4V 1M5

Contact: Mr. David Roeder, Director of Marketing

Tel: (416) 677-1830
No. of employees: 20
Market Focus: Digital equipment manufacturers testing requirements
Trade Names: THALAMUS - I

Product Classifications (Cdn. Content %):
M002

Other Information:
Specialize in manufacture and design of electronic test equipment. Currently producing in-circuit bench top IC Tester.

THOMPSON CUSTOM ELECTRONICS
131 Senator Reesor's Drive
Markham, Ontario
L3P 3EC

Contact: Mr. Keith Thompson, President

Tel: (416) 294-7496
No. of employees: 4
Market Focus: Electronic Design Services
Trade Names: N/A

Product Classifications:
B000 (99%) O002 (99%)

Other Information:
Service bureau providing computer-aided design of schematics and printed circuit board artwork. Also provides engineering design services in digital electronics and general electronic product development.

THORNE RIDDELL
347 Sherbourne St.
North Bay, Ontario
P1B 2C1

Contact: Mr. Jim Sherry

Tel: (705) 472-5110
No. of employees:
Market Focus: Accounting and Auditing
Trade Names:

Consulting Classifications:
X004

TOM THORNE ASSOCIATES LTD.
33 Devere Drive
Guelph, Ontario
N1G 2T2

Contact: Mr. Tom Thorne, President

Tel: (519) 822-2753
No. of employees: 2
Market Focus: Application of Telidon-NAPLPS Videotex
Trade Names: VIDEOFAX

Software Classifications:
R001 R004 T020 T032 T044 T045
T046 T081 T096 T117

Consulting Classifications:
X032 X044 X045 X046 X081 X096
X107 X117 Z001

Other Information:
Interested in educational application of Telidon for schools, colleges, universities and private industry. Main thrust of company is towards developmental consulting leading to the production of first time videotex applications. Are also videotex producers and can provide project management expertise to help develop a project.

TOPPING ELECTRONICS LTD.
1320 Ellesmere Rd.
Scarborough, Ontario
M1P 2X9

Contact: Mr. John Illingworth, President

Tel: (416) 291-7707
No. of employees:
Market Focus: Microprocessor systems
Trade Names: N/A

Product Classifications (Cdn. Content %):
C005 (N/P) D014 (N/P) O001 (N/P)

Other Information:
In-house capabilities range from microprocessor systems development and fabrication to electronic and communications equipment design, construction, assembly and testing. Clients include natural resource companies, governments, and telecommunications common carriers.

Products - pipeline inspection equipment, tape recorders (analog, multichannel), microcontrollers (including software), voice/data terminal attachments, and microprocessor traffic signal equipment.

TORDATA SERVICES LTD.
P.O. Box 276, Station A
Rexdale, Ontario
M9W 5L3

Contact: Mr. W. Bates, Director of Marketing

Tel: (416) 675-8838
No. of employees: 400
Market Focus: Data Preparation and Computer Processing
Trade Names:

Software Classifications:
R001 S010 T004 T070 T102 T015

Consulting Classifications:
X028 X106 X107 X131

Other Information:
Specializes in: Design of Financial Systems, COBOL and PL1 IMS DB/DC application and systems programmers, D/BASEII design and programming for micros, Networking, and Application programming for large IBM mainframes, minis and micros.

THE TORONTO RESEARCH CENTRE
542 Mt. Pleasant Road
Suite 401
Toronto, Ontario
M4S 2M7

Contact: Mrs. Flora Rosen, Principal Researcher

Tel: (416) 481-9829
No. of employees: 2
Market Focus: Social and Consumer Research
Trade Names:

Consulting Classifications:
X032 X037 X047 X117 X132

Other Information:
Services Provided: Policy and Strategic Planning and Socio-economic Research. Industry Specialization: Finance and Economics, Housing, Transportation and Communication.

TORONTO WORD PROCESSING CENTRE LTD.
55 University Ave.
Toronto, Ontario
M5J 2H7

Contact: Mr. J. R. Duff

Tel: (416) 364-8886
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
W005 (N/P)

Consulting Classifications:
X120

Other Information:

TOUCHE ROSS & PARTNERS
1 First Canadian Place
Toronto, Ontario
M5X 1B3

Contact: Mr. David Wilson, Partner

Tel: (416) 364-7188
No. of employees: 150
Market Focus: N/A
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X051 X054 X064 X066 X067
X068 X070 X074 X076 X080 X081
X085 X088 X091 X093 X094 X095
X096 X097 X100 X105 X107 X111
X117 X120 X132 Z001

Other Information:
Specialize in long term systems planning, development of user requirements, system selection, implementation assistance Project control, system design, programming.

TOUCHTEK
P.O. Box 87 Malton, Ontario
L4T 3B5

Contact: Mr. Tony King

Tel: (416) 671-0304
No. of employees: 2
Market Focus: Low volume specialty equipment industries
Trade Names: TOUCHTEK

Product Classifications (Cdn. Content %):
B001 (99%) B003 (99%) B005 (99%)
B008 (99%) C002 (99%) C004 (99%)
C005 (99%) D006 (99%) D008 (99%)
D014 (99%) F002 (99%) F004 (99%)
H001 (99%) H003 (99%) I000 (99%)
J001 (99%) J002 (99%)

Other Information:
Produces Keypad Membrane Switches which can be used in all of the above equipment. Product Market is R and D, low to high volume industries which use this type of switch in premium electronics. Switches are designed and manufactured in Ontario.

TRANS PACIFIC
P.O. Box 276 - Stn "G"
Calgary, Alberta
T3A 2G2

Contact: Mr. H.E. Lee, C.E.O.

Tel: (403) 272-0978
No. of employees: 4
Market Focus: Promotion of hi-tech products in export markets
Trade Names: N/A

Consulting Classifications:
X006 X047 X070 X074 X080 X091
X105 X117 X132

Other Information:
Specialize in arranging contact between Canadian "hi-tech" makers, and overseas users.

TRANSDUCTION LTD.
1245 Sismet Rd. Unit 12
Mississauga, Ontario
L4W 1Z3

Contact: Mr. Arthur Bell, Director of Marketing

Tel: (416) 625-1907
No. of employees: 12
Market Focus: N/P
Trade Names: Transduction Ltd.

Product Classifications (Cdn. Content%):
O004 (N/P) W002 (N/P) W004 (N/P)
W006 (50%) W008 (N/P) W012 (N/P)
W013 (N/P) W014 (N/P) W015 (N/P)
W016 (N/P)

Software Classifications:
R004 S001 S007 T006 T016 T019
T044 T046 T081 T096 T102 T105
T117

Other Information:
Specialize in Data Acquisition Systems, Multibus, Ethernet, QBus, Winchester disc subsystems, MCG8000, IAP X 286 Upgrades for 8036 CPU's

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TRIGON SYSTEMS GROUP INC.
One Yonge Street, Suite 2205
Toronto, Ontario
M5E 1E5

Contact: Mr. Don Tapscott, Vice President

Tel:
No. of employees: 16
Market Focus: Consulting to users and suppliers of electronic office systems
Trade Names: N/A

Consulting Classifications:
X004 X006 X009 X016 X023 X037
X039 X044 X045 X046 X047 X051
X054 X067 X070 X076 X081 X083
X096 X100 X105 X117 X120 X132
Z001

Other Information:
Consulting to suppliers, including: product planning, marketing strategies, marketing personnel education, product evaluation and assisting in implementation fo internal office systems. Consulting for users includes strategic planning for integrated systems, education, requirements analysis using the "user-driven" method, vendor selection, system implementation and evaluation.

Special products:
1) Videotapes for education in new technology.
2) "Office Automation - a User-Driven Method", an international text book on determining system requirements, available in Canada through Trigon.

TRILLIUM SOFTWARE GROUP
2 Bloor St. West, Suite 100-276
Toronto, Ontario
M4W 2G7

Contact: Mr. A. Parikh, Systems Manager

Tel:
No. of employees: 3
Market Focus: Micro and mini-computer software
Trade Names: TSG

Software Classifications (Produced, endproduct):
T004 T009 T032 T085 T088 T093
T094 T095 T100 T120

Consulting Classifications:
X093

TRILOGIC DATA SYSTEMS LIMITED
2300 Yonge Street, Suite 703
Toronto, Ontario
M4P 1E4

Contact: Mr. George Grunwald, Vice President

Tel: (416) 481-2279
No. of employees: 4
Market Focus: Small to middle-sized business concerns. Large franchised concerns occasionally.
Trade Names: TRILOGIC DATA SYSTEMS LIMITED (TDS)

Product Classifications (Cdn. Content %):
W002 (22%) W004 (22%) W005 (22%)
W006 (22%) W008 (45%) W011 (22%)
W012 (100%) W014 (22%) W015 (22%)

Software Classifications (Distributed, produced, endproduct, embedded):
S010 T004 T023 T039 T047 T051
T074 T065 T094 T095 T100 T111
T120

Consulting Classifications:
X004 X023 X039 X074 X085 X094
X095 X100 X107 X111 X120

Other Information:
Specializes in consulting and applications software for the construction, hospitality, health, manufacturing, distribution and retail industries. Custom programming services are also performed.

TRIMAG CONSULTANTS LTD.
1300 Royal Trust Tower
Edmonton Centre
Edmonton, Alberta
T5J 2Z2

Contact: Mr. D.G. Horner, Manager

Tel: (403) 421-8719
No. of employees: 26
Market Focus: Project and Construction Management Systems Software Development
Trade Names:

Product Classifications (Cdn. Content %):
W002 (44%) W006 (44%) W011 (44%)
W012 (100%) W013 (44%) W014 (44%)

Software Classifications (Distributed, produced, endproduct):
T004 T023 T044 T046 T080 T095
T102 T117 T132

Consulting Classifications:
X004 X023 X044 X046 X080 X095
X102 X117 X132

Other Information:
Employee-owned company, specializing in project and construction management, and application of computer technology to these fields.

Proprietary System is CO$TIME Project Management System - project and construction management system using state of the art real time, interactive mini-computer technology, for single and multi-project environments. Designed for owners, project management/engineering consultants, construction contractors, and manufacturers. Computer expertise not required to operate system. Reports available on-line. System supported by Trimag. System consists of three modules: Capital Project Management - (financial management of projects); CPM Planning and Scheduling - (schedule control of projects); and Design Management - (control of manhours on a project/across projects).

Edmonton and Montreal branch offices.

TRIONICS COMMUNICATIONS SYSTEMS LTD.
951 Denison Street, Units 1&2
Markham, Ontario
L3R 3W9

Contact: Mr. Roger Eskinazi, President

Tel: (416) 491-6465
No. of employees: 9
Market Focus: Communications & Cable TV
Trade Names: TRIONICS

Product Classifications (Cdn. Content %):
M002 (90%) W014 (90%)

Software Classifications:
T096 T117

TROY SOFTWARE DESIGN
2000 Bloor St. West, #416
Toronto, Ontario
M6P 3L2

Contact: Mr. A. Kamienski, President

Tel: (416) 767-0077
No. of employees: 2
Market Focus: Software for micro-computers
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (99%)

Software Classifications (Produced, endproduct):
S010

Other Information:
Specializes in software support for Apple II Microcomputors.

TWENTY-FIRST CENTURY MEDIA COMMUNICATIONS INC.
548 Cardero St.
Vancouver, B.C.
V6G 2W6

Contact: Mr. Frank Ogden, President

Tel: (604) 688-7103
No. of employees:
Market Focus: Newspaper and T.V. Database
Trade Names:

Consulting Classifications:
X099 X107

Other Information:
Monitors all video-text, memory-banked publications and newletters. Available as a charter subscription service.

2001 WORD PROCESSING SERVICES
97 Rivercrest Road
Toronto, Ontario
M6S 4H7

Contact: Mr. Paul McDermott, President

Tel: (416) 766-9845
No. of employees:
Market Focus: MICOM Support
Trade Names:

Consulting Classifications:
X120

Other Information:
Provide support and maintenance of Micom equipment.

TYCOR ELECTRONIC PRODUCTS (1983) LTD.
2175 Sheppard Avenue East, Suite 114
Willowdale, Ontario
M2J 1W8

Contact: Mr. Robert Johannson, Vice President, Marketing

Tel: (416) 496-0406
No. of employees: 20
Market Focus: Micro-processor based equipment
Trade Names: TYCOR

Product Classification (Cdn. Content %):
B000 (N/P) M002 (95%)

Other Information:
Manufacture an alternating current power line filter which removes disturbances from A/C power supply. Can be applied to any microprocessor-based equipment including computers, word processors, controllers, scientific and medical equipment.

TYRIE AND ASSOCIATES
R.R. #6
Smiths Falls, Ontario
K7A 4S7

Contact: Mr. Peter A. Tyrie, Vice President and General Manager

Tel: (613) 283-3544
No. of employees: 4
Market Focus: Government and Government Agencies
Trade Names: N/A

Consulting Classifications:
X004 X037 X044 X046 X074 X085
X095 X094 X117

Other Information:
Specialize in systems analysis and development; EDP auditing; program evaluation and evaluation assessment; post-implementation review and assessment (systems) and operational auditing.

ULTEC COMPUTER CORPORATION
770 Browns Line
Toronto, Ontario
M8W 3W2

Contact: M.J. Ulcar, General Manager

Tel: (416) 251-2887

No. of employees: 4
Market Focus: Computers for business & industrial environments
Trade Names: N/A

Product Classifications (Cdn. Content %):
B005 (71.4%) F002 (36%) G001 (N/P)
G002 (N/P) H001 (100%) J001 (71.4%)
K002 (49%) M001 (100%) W002 (71.4%)
W005 (71.4%) W007 (100%) W008 (49%)
W012 (100%) W014 (100%) W015 (71.4%)

Software Classifications:
R001 R004 T004 T006 T023 T047
T051 T054 T064 T066 T070 T076
T081 T085 T091 T095 T097 T102
T105 T120

Other Information:
Manufactures the XL 500 and X-100 Microcomputer Systems. Both are general purpose microcomputers with the X-100 having exceptional heat and dust control incorporated into the system making it suitable for harsh environments.

ULTRA LASERTECH INC.
6415-2 Viscount Road
Mississauga, Ontario
L4V 1K8

Contact: Mr. R. A. Crane, President

Tel: (416) 677-8091
No. of employees:
Market Focus: Lasers, systems and laser based instrumentation
Trade Names:

Product Classifications (Cdn. Content %):
B000 (N/P)

Other Information:
Specializes in development and manufacture of lasers, systems and laser based instrumentation.

Products/Services: sealed CO2 Lasers; custom laser design and manufacture; Optical communications - data links, radar, intrusion alarms; Laser spectroscopy; Laser photoacoustics; Optical remote sensing - lidars, IR imaging; Ultra high power laser systems modelling and design; and Laser applications - military, industrial and medical.

Has research and development facility for state of the art instrumentation and for providing consulting services for military and industrial applications for high power lasers.

ULTRACOM CONSULTING SERVICES LTD.
130 Albert St.
Suite 416
Ottawa, Ontario
K1P 5G4

Contact: R. Layton, President

Tel: (613) 237-2654
No. of employees: 40
Market Focus: Management Consulting and Systems Design
Trade Names:

Consulting Classifications:
X004 X032 X037 X047 X070 X102
X107 X117 X132

Other Information:
Specializing in: Information System Services, Planning Services, Systems Development Services, Technical Consulting Services and Education Services.

UNIMARK ASSOCIATES
235 Yorkland Blvd.
Suite 300
Willowdale, Ontario
M2J 4W9

Contact: Mr. D. J. Cronin, President

Tel: (416) 499-6628
No. of employees: 2
Market Focus: Income Tax and Franchise Accounting
Trade Names:

Consulting Classifications:
X004 X037 X080

Other Information:
Specializing in: System Analysis, Computer Analysis, Manual System Analysis, Cost Accounting Analysis/Conversion, Cash Flow Projections and Controls, Accounting Services, Franchise Accounting/Controls, Retail Accounting/Controls, and Income Tax Returns (Canadien and American).

VALERA ELECTRONICS INC.
1729 St. Laurent Blvd.
Ottawa, Ontario
K1G 3V4

Contact: Mr. R.L. Wamre, President

Tel: (613) 526-1660
No. of employees: 20
Market Focus:
Trade Names: ENERSTAT"

Product Classifications (Cdn. Content %):
C005 (80%)

Other Information:
Manufactures microcomputer thermostats for commercial and residential heating and cooling systems. This product has a range of features including up to 4 time-temperature settings every 24 hours; two-stage heat-pump control; and a multistage commercial unit.

VARIAN Canada Inc.
45 River Drive
Georgetown, Ontario
L7G 2J4

Contact: Mr. George Plhak, Sales Manager

Tel: (416) 877-0161
No. of employees: 400
Market Focus: Microwave communications equipment
Trade Names: N/A

Product Classifications (Cdn. Content %):
W004 (N/P)

Other Information:
For government use, designed development programs for millimetric wave radar transmitter amplifier klystrons, and a development program for a wideband extended interaction klystron for potential millimetric wave satellite communication applications.

VARLEY Reprographic Products Ltd.,
Unit 21, 57 Glencameron Road,
Thornhill, Ontario
L3T 1P3

Contact: Mr. G.D. Varley, Manager

Tel: (416) 881-2151
No. of employees: 5
Market Focus: Microfilm supplies
Trade Names: PHOTOMEDIA

Product Classifications (Cdn. Content %):
F004

Other Information:
Specialize in distribution and technical support of duplicate microfilm, (both Diazo and Vesicular), to banking institutions and federal and provincial government departments.

VERICOM SYSTEMS LTD.
Suite 203, 14 Prince Arthur Ave.
Toronto, Ontario
M5R 1A9

Contact: Mr. David L. Tennenhouse

Tel: (416) 922-1393
No. of employees: 6
Market Focus: Software engineering & telecommunications
Trade Names: N/A

Software Classifications (Produced, endproduct):
R001 T046

Consulting Classifications:
X006 X032 X044 X046 X047 X050
X066 X068 X096 X107 X102 X113
X117 X120

Other Information:
Specialize in design, implementation and maintenance of software systems, utilizing mainframe computers, minicomputers and microprocessors. Produce online software to satisfy rigorous requirements for reliability, robustness and security.

Consulting expertise in areas of data communications, networking and distributed processing, and computer systems. Teaches short courses and presents seminars on topics such as Local Area Networks, software engineering methodologies and the UNIX operating system.

VERSATERM SYSTEMS LTD.
971 Richmond Road
Ottawa, Ontario
K2B 6R1

Contact: Mr. Ron Meyer, President

Tel: (613) 728-4641
No. of employees: 11
Market Focus: Micro-computer communications software
Trade Names: VITAL, SMARTTY, RIMS, VERSADEX, SQUISH

Software Classifications (Distributed, produced, endproduct, embedded):
R001 R004 S010 T044 T046

Consulting Classifications:
X044 X046 X107

Other Information:
Specialize in production and marketing of:
1) central records; computer-aided dispatch; mobile terminals, and latent fingerprint systems. All are compatible with CPIC, and are produced for municipal and city police forces with populations of under 500,000.
2) Local area networks and gateways for IBM P.C.
3) Relational DBMS (RIMS) proprietary product for IBM Series/1.
4) Development tools for IBM P.C. - VITAL, Interactive Screen Handler - Squish, to Compress BASIC Code.

VERTICAL DATA SYSTEMS INC.
Unit 2A
1215 Meyerside Drive
Mississauga, Ontario
L5T 1H3

Contact: Mr. Dieter Pagani, Vice-President

Tel: (416) 671-1752
No. of employees:
Market Focus: "Converter" series hardware module
Trade Names:

Product Classifications (Cdn. Content %):
H002 (N/P)

Other Information:
Has developed "CONVERTER" series hardware module which allows for the conversion of electronic typewriters into letter quality computer printers/terminals. Converter is marketed worldwide through a dealer/distributor network. Installation of the Converter requires no modifications to the typewriter and is done by the dealer. Converters currently available for Olivetti ET 121/221, Praxis 35, and Olympia ES 100/101.

Also develops and markets quality computer software for small computers in the education market. Software products include pupil transportation management, media cataloguing and booking, movable assets, and fleet data.

VICTOR (CANADA) LIMITED
55 Savage Drive
Cambridge, Ontario
N1R 5T1

Contact: Mr. Kin Mak, Manager-Technical Support and R&D

Tel: (519) 621-8720
No. of employees: 200
Market Focus: Users of business equipment
Trade Names:

Product Classifications (Cdn. Content %):
B005 (43%) F002 (25%) W002 (43%)

Software Classifications:
R001 R004 S001 S007 S010 T044 T046

Consulting Classifications:
X044 X107

Other Information:
Company supplies and services electronic calculators, cash registers and microcomputers. Does research and development on upper end of cash register line, and communications between devices. Performs software support and development services.

VIDEOPRESS
369 York St.
London, Ontario
N6A 4G1

Contact: Mr. Peter G. Watson, Project Manager

Tel: (519) 434-4576
No. of employees: 10
Market Focus: Data base creation
Trade Names: VIDEOPRESS - TELIDON

Product Classifications:
C002 (100%)

Software Classifications:
R001 T096

Consulting Classifications:
X107 X096

Other Information:
Specialize in:
1) data base creation, maintenance/distribution;
2) purchasing space in all Videotex media;
3) consulting advertising/marketing impacts of Videotex;
4) Telidon Pages.

VISIRECORD SYSTEMS CANADA LTD.
71 Wingold Ave.
Toronto, Ontario
M6B 1P8

Contact: Mr. Kurt Schulz

Tel: (416) 781-5521

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
M001 (N/P)

Other Information:

W5 ASSOCIATES INC.
284 Richmond St. E.,
Toronto, Ontario
M5A 1P4

Contact: Mr. Gregory Yankelovich, V.P. Marketing

Tel: (416)366-9024
No. of employees: 6
Market Focus: Application software development
Trade Names: N/A

Software Classifications (Distributed, produced, endproduct):
R001 S001 S010 T044 T046 T095

Consulting Classifications:
X004 X044 X046 X047 X051 X074
X076 X085 X088 X095 X107 X120

Other Information:
Specialize in consulting and development of applications software for purchasing, inventory control, management, general ledger, order entry and budgeting systems.

WARREN INSTROTECH LTD.
909 Richmond Rd.
Ottawa, Ontario
K2A 0G8

Contact: Mr. Edward D. Jones,
Vice-President

Tel: (613) 728-9120
No. of employees: 7
Market Focus:
Trade Names: WARREN INSTROTECH LTD.

Product Classifications (Cdn. Content %):
B005 (73%) B008 (73%) O003 (73%)
O004 (73%)

Software Classifications (Distributed, produced, embedded):
R004 S001 S007 S010 T004 T044
T046 T068 T093 T102 T120

Consulting Classifications:
X004 X044 X068 X093 X102 X107
X120

WATERLOO SYSTEMS SPECIALISTS LTD.
(Fraser Research Division and Fraser Videotex Services Division)
43 Bridgeport Road East
Waterloo, Ontario
N2L 2J4

Contact: Mr. Peter Savich, Business Development Manager

Tel: (519) 884-0840
No. of employees: 9
Market Focus:
Fraser Videotex Services Div. - videotex consulting services, videotex product manufacturing
Fraser Research Div. - microelectronics consulting for industrial manufacturers
Trade Names: Fraser Research, Fraser Videotex Services

Software Classifications:
R001 R004 S001 S007 S010 T006
T016 T019 T020 T023 T032 T039
T044 T046 T054 T064 T067 T068
T081 T093 T094 T096 T100 T102
T111 T113 T117 T132

Consulting Classifications:
X006 X016 X019 X023 X032 X039
X044 X046 X054 X064 X067 X068
X081 X093 X094 X096 X100 X102
X107 X111 X113 X117 X132 Z001

Other Information:
Fraser Research Division specializes in systems engineering consulting. Provides microelectronic consulting services and other engineering and computer services to industrial clients. Ideas, concepts, patents and copyrights are property of Waterloo Systems Specialists Ltd. Fraser Videotex Services Division specializes in computer graphics software products and videotex services. The Canadian Department of Communications developed videotex type called TELIDON. Fraser Videotex has proprietary rights to software packages obeying TELIDON/Videotex standards.

WATERS SCIENTIFIC LTD.
6480 Viscount Rd.
Unit No. 4
Mississauga, Ontario
L4V 9Z9

Contact: Mr. Aaron Wolkoff

Tel: (416) 677-0580
No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
C002 (N/P)

DALE WERSHLER & ASSOCIATES LTD.
2005 Cook Street
Victoria, British Columbia
V8T 3P9

Contact: Mr. Dale Wershler, President

Tel: (604) 381-5179
No. of employees: 10
Market Focus: Micro & minicomputer software
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (95%) W012 (95%)

Software Classifications (Distributed, produced, endproduct):
R001 S007 T004 T006 T023 T037
T039 T046 T051 T076 T080 T081
T085 T094 T097 T105 T111 T117

Consulting Classifications:
X004 X006 X023 X037 X039 X046
X047 X051 X076 X080 X081 X094
X097 X105 X107 X111 X117

Other Information:
Hardware: IBM micro and minicomputers, some data general.
Software: hospital and medical centre accounting, billing, scheduling and medical records, printer's accounting, inventory, costing and payroll, other accounting, budgeting and inventory systems.

WESTERN FARM COMPUTERS
General Delivery
Balzac, Alberta
TOM 0E0

Contact: Mr. Michael Leslie, Director

Tel: (403) 274-1563
No. of employees: A newly formed division currently in set-up stages.
Market Focus: Computer and technology for agricultural applications.
Trade Names: N/A

Product Classifications (Cdn. Content %):
W002 (25%) W011 (25%) W012 (100%)

Software Classifications (Distributed):
T006

Consulting Classifications:
X006

Other Information:
Specialize in agricultural production in both crop and livestock and related computer and technology designed for those enterprises.

WESTERN TECHNOLOGY CORPORATION
615 Rathburn Road, #82
Toronto, Ontario
M9C 3T5

Contact: Mr. J. Kowalewski, President

Tel: (416) 626-8159
No. of employees: up to 10
Market Focus: Specialized software
Trade Names: N/A

Software Classifications (Produced, endproduct):
S010 T004 T016 T032 T037 T070
T080

Consulting Classifications:
X037

Other Information:
Specializes in software packages for business, education, finance, chemical and petroleum industries.

WESTINGHOUSE CANADA INC.
777 Walker's Line
Burlington, Ontario
L7R 4B3

Contact: Mr. J.C. Wild, Manager, Data Communications & Displays

Tel: (416) 528-8811
No. of employees: 375 (Electronic Systems Division)
Market Focus: Transportation/Military electronics
Trade Names: N/A

Product Classifications (Cdn. Content %):
H001 (78%) I000 (85%) O004 (85%)

Software Classifications (Produced, embedded):
R004 T009 T016 T037 T044 T100

Other Information:
Design and manufacture C.R.T. terminals for: data communications products, video display products, line tracers (control of machinery), military electronics, sonar system, electronic surveillance, and special test equipment.

JAMES WILLETT PARTNERS
101 Yorkville Ave.
Suite 300
Toronto, Ontario
M5R 1C1

Contact: Ms. Linda McCarthy, Manager, Contract Systems Services

Tel: (416) 964-8895
No. of employees: 15
Market Focus: Data Administration
Trade Names:

Consulting Classifications:
X004 X086 X107 X132

WILSON'S WORD PROCESSING SERVICE
73 Dowswell Drive
Scarborough, Ontario
M1B 1H5

Contact: Mr. John Wilson, Consultant

Tel: (416) 293-7717
No. of employees: 2
Market Focus: Automated Office Systems
Trade Names:

Consulting Classifications:
X086 X107 X120 X131 Z001

Other Information:
Specializing in Automated Office Systems. Specialized Software and Procedures for MICOM, NBI and WANG word Processors. Offers training of operators and management ,preparation of manuals, and feasibility studies.

JOHN W. WLAIKO SYSTEMS
45 Balliol Street
Suite 505
Toronto, Ontario
M4S 1C3

Contact: Mr. John W. Wlaiko, Consultant

Tel: (416) 961-0501
No. of employees: 1
Market Focus: Management Consultant
Trade Names:

Consulting Classifications:
X004 X107

Other Information:
Specializing in: Feasibility Studies, Systems Analysis and Design, Data Base Design, Data Processing Standards, System Documentation, System Evaluation and Optimization, User Education, Office Systems and Procedures, Microfiche/Microfilm, Project Management, and Problem Solving.

WOFAC MANAGEMENT SYSTEMS LTD.
142 Islington Avenue
Rexdale, Ontario
M8V 3B6

Contact: Mr. G.E. Leetham, Vice-president

Tel: (416) 255-1505
No. of employees: 10
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X037 X047 X086 X106 X117 X132

Other Information:
Concentrates on helping government agencies, industry and financial companies improve their human and material resource utilization.

J. R. WOLOFSKY SYSTEMS RESEARCH CO.
565 Sherbourne Street
Suite 2009
Toronto, Ontario
M4X 1W7

Contact: Mr. J. Wolofsky, Research Analyst

Tel: (416)929-9183
No. of employees: 3
Market Focus: Research and Consulting
Trade Names:

Consulting Classifications:
X032 X080 X107 X117 X132

Other Information:
Specializes in: Stochastic and Ergodic Systems R & D, General Systems Research, Operations Research, Statisical Modelling and Reality Simulation, Social Policy Research and Consulting, Organizational Development, Leadership Training, Data Bank Design, Futures Research and Quanitative/Qualitative Forecasting, Management Information Systems Design and Development, and Social Survey Research.

WOODS GORDON MANAGEMENT CONSULTANTS
P.O. Box 156
TD Centre
Toronto, Ontario
M5K 1J7

Contact: Mr. G. Grant, Partner

Tel: (416) 864-1212
No. of employees: 200
Market Focus: Management Consultants
Trade Names:

Consulting Classifications:
X032 X037 X047 X080 X086 X107
X117 X132

Other Information:
Branch Offices: Toronto, Ottawa, Hamilton, Mississauga, Scarborough, London, Kitchener, and Windsor.

THE WORD MOVERS
113A Jefferson Avenue
Toronto, Ontario
M6K 3E4

Contact: Mrs. Sylvia Pellman

Tel: (416) 531-8782
No. of employees:
Market Focus:
Trade Names:

Consulting Classifications:
X106 X120

Other Information:
Provides a service bureau and consulting services. Franchise of The Word Movers, Mississauga.

THE WORD MOVERS INC.
2455 Cawthra Rd.
Suite 52
Mississauga, Ontario
L5A 3P1

Contact: Mr. Richard Judd, President

Tel: (416) 275-1111
No. of employees: 3
Market Focus: Word Processing Consulting and Report Editing Service
Trade Names:

Consulting Classifications:
X037 X047 X120 X132

Other Information:
Specializing in: Forms Analysis, Design and Management, Flow Process Charting (clerical work analysis), Work Simplification (work measurement), Organizational Analysis, Manual and Procedure Writing, Records Retention and Management, Systems Documentation, Reports Analysis and Control, and Equipment Evaluation and Selection.

WYCOVE SYSTEMS LIMITED
Box 499
Dartmouth, N.S.
B2Y 3Y8

Contact: Mr. David F. Gray, President

Tel: (902) 469-9897
No. of employees: 8
Market Focus: Software development, sales, service, plotter sales
Trade Names: N/A

Product Classifications (Cdn. Content %):
W010 (15%) W012 (95%) W014 (15%)

Software Classifications (Produced, endproduct):
R004 S001 T004 T044 T095 T102
T105 T132

Consulting Classifications:
X004 X044 X046 X095 X102 X105
X132

Other Information:
Specialize in:
1) Computer Graphics: consultant, manufacturer and supplier of graphic software, and supplier of graphics equipment. Scientific and business graphics.
2) University and college administration systems: manufacturer and supplier of software - business office, purchasing, admissions, registration for small post secondary institutions.
3) Custom scientific software.

Software Products: University business office system, WYNET (asynchronous communications), WYCOVE FORTH (Forth compiler for T199).

WYNCHESTER SYSTEMS & ELECTRONICS INC.
5 Penn Drive
Weston, Ontario
M9L 2A6

Contact: Mr. G.R. Treseder

Tel: (416) 745-6455

No. of employees:
Market Focus:
Trade Names:

Product Classifications (Cdn. Content %):
B005 (N/P)

Other Information:
Products: 8/16 Bit Minicomputers.

XIS4 CONSULTANTS
23 Green Spring Drive
Scarborough, Ontario
M1V 2A9

Contact: Mr. Ibrahem El-Raheb, Managering Director

Tel: (416) 499-6078
No. of employees: 3
Market Focus: Systems Development Services
Trade Names:

Consulting Classifications:
X004 X070 X106 X102 X107

Other Information:
Specializing in: Graphics Systems, Microprocessor Turnkey, Civil Engineering Applications, and Functional analysis/user training.

XENOS COMPUTER SYSTEMS INC.
2065 Finch Avenue, West Suite #401
Downsview, Ontario
M3N 2V7

Contact: Mr. B. Robinson, Director of Marketing

Tel: (416) 745-1907
No. of employees: 10
Market Focus: Software Development
Trade Names: XENOS

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 S010

Consulting Classifications:
X107

Other Information:
Proprietary software products: XTEND/97; JSS - Job Set-up Services; JPS - Job Priority Services; JSAP - JES Spool Access Program.

Specializes in: software products, systems software support, software project management and support, custom software development, system performance support, teleprocessing support, evaluations, conversions, operations assistance, education, facilities management, training, and staff.

Markham branch office.

XEROX CANADA INC.
703 Don Mills Road
Don Mills, Ontario
M3C 1S2

Contact: Mr. Peter M. Brophey, Vice President, Corporate Affairs

Tel: (416) 429-6750
No. of employees: 4,000
Market Focus: Business equipment, systems, supplies
Trade Names: XEROX

Product Classifications (Cdn. Content %):
B003 (N/P) B005 (N/P) F002 (N/P)
H001 (N/P) J001 (N/P) J002 (N/P)
W002 (N/P) W014 (N/P) W015 (N/P)

Other Information:
Xerox Canada markets a wide range of copiers/duplicators, facsimile, minicomputer, word processors, xerographic printer products, systems and related products. Through the global product mandate concept, manufacturing, procurement, export and research activities are conducted in Canada. The average Canadian content of Xerox products marketed in Canada is 55%.

XICOM TECHNOLOGIES CORPORATION
130 Slater Street
Suite 1015
Ottawa, Ontario
K1P 6E2

Contact: Mr. John Taker, Vice-President, Marketing

Tel: (613) 238-4744
No. of employees:
Market Focus: Advanced data communications software
Trade Names:

Software Classifications:
R000 S000

Other Information:
Develop advanced data communications software and products for the computer industry's OEM's and manufacturers.

Products - SNA Node Emulator Design Guide - a comprehensive detailed design of an SNA Type 2 node for use by manufacturers developing SNA compatibility in their products. SNA MicroNode - a board level implementation for multibus-based systems. SNA and BSC protocols on a single PC board permits microcomputer systems to interface with IBM networks emulating popular IBM Terminal types such as the 3274, 3276, or 3776.

Also provide consulting to clients.

YRM RECORDS MANAGER INC.
6 Lynndale Road
Scarborough, Ontario
M1N 1C1

Contact: Mr. George East, President

Tel: (416) 690-4384
No. of employees: 4
Market Focus: Government, large and medium companies
Trade Names: YRM INC.

Consulting Classifications:
X044 X046 X051 X054 X066 X081
X095 X120 X132

Other Information:
Consultant company specializing in records management and business systems, microrecording studies, records retention schedules, file plans, photocopier studies and work simplification.

YORK CENTRAL HEALTH SYSTEMS INC.
10 Trench Street
Richmond Hill, Ontario
L4C 4Z3

Contact: Mr. John H. Flint, President

Tel: (416) 883-2027
No. of employees: 15
Market Focus: Hospital administrative & patient oriented computer applications
Trade Names: P.M.S.

Software Classifications (Distributed, produced, endproduct):
R004 T046 T047 T051 T076 T088

Consulting Classifications:
X046 X047 X050 X051 X076 X088 X107

Other Information:
Specialize in:
1) Hospital information systems design and implementation,
2) application packages for IBM related software for hospitals,
3) consulting to hospitals re information systems selection and installation and justification.

YORK UNIVERSITY INSTITUTE FOR BEHAVIOURAL RESEARCH
4700 Keele Street
Downsview, Ontario
M3J 2R6

Contact: Mr. Anthony H. Richmond, Director

Tel: (416) 667-3022
No. of employees: 2
Market Focus: Survey Research, Data Archives, Statistical Data Analysis and Socio-economic Research
Trade Names:

Consulting Classifications:
X032 X047 X132

Other Information:
Socio-economic, demographic and behavioural research; survey research; data archiving and data analysis.

YORK-SIMCOE COMPUTING SERVICES
39 Oakley Park Square
Barrie, Ontario
L4M 2K2

Contact: Mr. R. E. Reynolds, President

Tel: (705) 726-3474
No. of employees:
Market Focus: Systems Development and Management Consulting
Trade Names:

Software Classifications:
R001 T070 T102

Consulting Classifications:
X028 X032 X037 X047 X080 X102
X106 X107 X117 X132

Other Information:
Packages available include: Billing procedure for Physicians, Accounting package for Physicians, Flight information display system for airports, Electrical distribution system monitors, and Programming alarm annunication system.

ZEMOS SYSTEMS LIMITED
1190 Conyers Cres.
Mississauga, Ontario
L5C 1K1

Contact: Mr. Eduardo L. Garcia, President

Tel: (416) 273-3315
No. of employees: 4
Market Focus: EDP users
Trade Names: ZEMOS SYSTEMS LIMITED

Product Classifications (Cdn. Content %):
B000 (N/P) B005 (100%) M002 (90%)
W002 (100%) W011 (100%) W014 (100%)
W015 (100%) O002 (100%)

Software Classifications:
S007 S010 T004 T006 T045 T054
T120

Consulting Classifications:
X004 X044 X045 X046 X054 X066
X070 X074 X085 X091 X095 X102
X105 X107 X120 X132

Other Information:
Specialize in: Sales of computer hardware such as microprocessors, terminals, cables, printers.
Manufacturing of communications cables, controls boxes and special purpose logic boards.
Consulting services in all areas of EDP, from hardware acquisition to implementation of computer systems.
Research and development of software including operating systems for Canadian made hardware.

ZENON ENVIROMENTAL INC.
845 Harrington Crt.
Burlington, Ontario
L7N 3P3

Contact: Mr. A. Benedek, President

Tel: (416) 639-6320
No. of employees: 40
Market Focus: Water Treatment Equipment and Services
Trade Names: ZENON

Consulting Classifications:
X016 X039 X044 X046 X047 X080 X117

Other Information:
Specializes in: Automated Water Purification Equipment.
Trace Organic Analytical Chemistry.
Engineering Consulting on Water and Wastewater Treatment problems.

ZVOOK CORPORATION
8 King Street East
Suite 205
Toronto, Ontario
M5C 1B5

Contact: Mr. Michael Nitefor, President

Tel: (416) 368-2723
No. of employees: 7
Market Focus: Training and Education
Trade Names: VOX

Products Classification (Cdn. Content %):
D008 (80%) D014 (80%)

Software Classifications:
T020 T032

Consulting Classifications:
T020 T032

Other Information:
The VOX learning aid is a micro-processor based device capable of producing speech. It is an Optical Character Reading device that synthesizes voice sounds. This device is used in conjunction with hard copy learning materials to enhance the training process by providing oral direction, prompting and feedback to students and trainees studying from books. It is highly portable, battery operated, and requires no knowledge of computers or computer languages to operate nor write learning materials.

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DIRECTORY

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The computer and microelectronics industry in Canada is growing by leaps and bounds. We want to be up-to-date on companies producing computers, components, peripherals and software. The Ministry of Industry and Trade is seeking detailed profile information to add to our existing high tech suppliers list.

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INDUSTRY
& TRADE
ONTARIO

Office of Procurement Policy
900 Bay Street, Hearst Block, Queen's Park
Toronto, Ontario M7A 2E1

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ADDRESS

CITY POSTAL CODE

CONTACT POSITION

CSS-B

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COMPUTER SYSTEMS SOURCES

SUPPLEMENT NO. 1

SECTION C

SUPPLIERS PROFILES

TO FACILITATE COMPANIES WHO APPROACHED US AFTER THE CLOSING DATE FOR PRINTING, THIS SUPPLEMENT HAS BEEN PREPARED.

INFORMATION ON ADDITIONAL COMPANIES SUBSEQUENT TO THIS SUPPLEMENT WILL BE MAINTAINED ON OUR ELECTRONIC DATA BASE. IT IS AVAILABLE UPON REQUEST.

AABEX Electronic Services
809 Wellington St. N.
Kitchener, Ont.
N2G 4J6

Contact: Mr. John Ruffolo, National Accounts Sales Manager

Tel: (519)744-1221
No. of employees: 400
Market Focus: Third party computer maintenance
Trade Names:

Product Classifications (Cdn. Content %):
B000

Other Information:
AABEX Electronic Services is engaged in nationwide on-site computer maintenance and repair service to mini and micro computers. Provide board repairs to the component level. Aid companies with their special projects by taking professional responsibility for systems start up.
Branches in Ontario: Ottawa, Kingston, Sudbury, Oshawa, Toronto, Kitchener, London, Guelph, Windsor, Brantford, St. Catharines, Hamilton.

Advanced Business Computer Systems International Inc.
4088 Sandwich Street
Windsor, Ontario
N9C 1C4

Contact: Mr. Philip Rodd

Tel: (519) 255-9199
No. of Employees:
Market Focus: The manufacture and distribution of computer systems, and design of business applications software
Trade Names: ABC Systems

Manufactured Product Classifications (Cdn. Content %):
B005 (N/P) C005 (N/P)

Software Classifications:
R001 T004 T032 T046 T047 T094 T120

Other Information:
Areas of Specialization:
- Manufacture Blackhawk Computer Systems, with an S100 BUS for greater system flexibility, based on the Z 80 A microprocessor chip running at four Megahertz.
- Marketing a modular microcomputer-based cash management system to serve small businesses as a cash register, inventory control and accounting system.
- Design business applications software for microcomputer use (CP/M and MP/M Operating Systems). Packages include word processing, a data base management system, financial applications, medical/dental management, government/educational, material requirement planning and an interactive Canadian Income Tax Program (ABCTAX).
- Net work systems - up to 16 remote intelligent terminals connected to a hard-drive master unit. Can connect to up to 2 printers.

The James Ames Company
Purchasing Management Services
RR #8 (Mono Mills)
Orangeville
L9W 3T5

Contact: Mr. J.W. (Bill) Adams, Principal

Tel: (519)941-2371
No. of employees: 2
Market Focus: Consulting and training in the field of purchasing and supply
Trade Names: N/A

Consulting Classifications:
X006 X016 X023 X039 X044 X045
X046 X054 X080 X081 X095 X096
X097 X117

Other Information:
Review of policies, procedures and systems. Performance evaluation of purchasing operations. Trainingand development of staff. Support to established purchasing departments. Establishment of purchasing programs.

B C Consulting
11 Selby St.
Box 119
Cookstown, Ont.
L0L 1L0

Contact: Mr. Brodie Christanson, Principal

Tel: (705)458-4073
No. of Employees:
Market Focus: Feasibility Studies
Trade Names: N/A

Consulting Classifications:
X004 X009 X037 X046 X070 X074
X085 X107 X120 X132

Other Information:
Assists in the planning of strategic policy decisions. Areas of services provided include: strategic planning, financial planning and control, human resource management, management information systems, marketing, management training seminars for small and medium sized firms, government agencies, non-profit organizations and educational institutions.

Peter Barnard Associates Ltd.
111Elizabeth St.
12th Floor
Toronto, Ont.
M5G 1P7

Contact: Mr. Peter Barnard, President

Tel: (416)977-1544
No. of employees: 12
Market Focus: Ontario, other provinces, U.S., international.
Trade Names:

Consulting Classifications:
X006 X016 X023 X039 X044 X046
X047 X051 X070 X080 X081 X091
X097 X105 X117 X132

Other Information:
Areas of specialization include strategic planning, marketing, finance and organization assignments, program evaluation and policy analysis, including economic development. Industry specializations include: medical/hospital products and services, construction products and materials, service industries (including education and professional services), industrial products and industry associations.

C G I Information Systems and Management Consultants
67 Richmond St. West
Suite #407
Toronto, Ont.
M5H 1Z5

Contact: Mr. David C. Escaravage, Director of Consulting Services

Tel: (416)364-3525
No. of Employees: 140
Market Focus: Professional consulting services in areas of management systems and information.
Trade Names: CGI Inc.

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X050 X051 X054 X064 X066
X067 X068 X070 X074 X076 X080
X081 X085 X088 X091 X093 X094
X095 X096 X097 X100 X102 X105
X107 X111 X113 X117 X120 X132
Z001

Other Information:
Applies proven methods and recognizes the need for a multidisciplinary team approach. Guarantees complete objectivity. C G I does not, as a matter of policy, entertain any association with specific hardware, software or service offerings. Branch offices: Ottawa (for Ottawa branch information and C.G.I. reference codes see main directory), Montreal, Quebec City.

Canada Systems Group
2233 Argentia Rd.
Ste. 300
Mississauga, Ont.
L5N 2X7

Contact: Mr. Chris Bishop, Director, Industry Marketing

Tel: (416)821-9800
No. of employees: 1500
Market Focus: Value Added Computing Services
Trade Names:

Product Classifications (Cdn. Content %):
W012 (N/P) O002 (80%)

Software Classifications:
R001 R004 S001 S010 T004 T009
T019 T037 T044 T046 T047 T050
T051 T054 T064 T070 T076 T081
T085 T088 T102 T105 T117 T132

Consulting Classifications:
X004 X009 X019 X044 X046 X047
X050 X051 X070 X076 X085 X088
X094 X096 X102 X107 X117 X132

Other Information:
Specialist services to Brokerage Banking, Trust and Insurance sectors.

Cincom Systems of Canada Ltd.
130 Dundas St. E.
Suite 201
Mississauga, Ont.
L5A 3V8

Contact: Mr. Michael Farrell, National Marketing Managing

Tel: (416)279-4220
No. of Employees: 57
Market Focus: Computer software to all government/industry/commercial sectors.
Trade Names:

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications:
R001 R004 S001 S010 T004 T019
T093 T094 T095

Consulting Classifications:
X019 X093 X094 X095

Other Information:
Produces TIS-Nest Generation of Data Base Technoloty;MANTIS-Fourth Generation Application Development Methodology;ULTRA-Relational Data Base for the DEC VAX (TM of DEC) user; MRPS-Complete Manufacturing Resource Planning System

Computer Action Inc.
1262 Don Mills Rd.
#99
Don Mills, Ont.
M4E 2Z7

Contact: Mr. John J.R. Goldsmith, Marketing Manager

Tel: (416)449-5244
No. of employees: 18
Market Focus: Contract programming and consulting to data processing industry.
Trade Names: COMPUTER ACTION INC., WORDPLAY

Product Classifications (Cdn. Content %):
W002 (N/P) W006 (N/P) W011 (N/P)
W012 (N/P)

Software Classifications:
R001 T004 T039 T074 T085 T095

Consulting Classifications:
X004 X009 X032 X039 X044 X074
X085 X091 X093 X094 X095 X102
X105 X107 X120

Other Information:
Specializes in providing contract programming and consulting services to the Data Processing Industry. Activities include: a) Design and development of custom software on microcomputers for small business;b) Developing a Food Service Package (F.A.C.T.S.) for the restaurant industry;c) Distributor for IBM P.C.'s;d)Marketing agents for Cardbox, a bibliographic-indexing package developed by Caxton Software, England;e)Marketing agents for OHIP billing and patient record for chiropractors, developed by Andrec.

Computer Software Technology Services
(CSTS)
Box 44 Adelaide Postal Stn.
Toronto, Ont.
M5C 2H8

Contact: Mr. Tony Archer, Manager of Technical Services

Tel: (416)755-8617
No. of Employees: 3
Market Focus: Technical support services for IBM 4341, 3033, 308X, etc.
Trade Names: CSTS

Product Classifications (Cdn. Content %):
B001 (N/P) B003 (N/P) B005 (N/P)
B008 (N/P) C002 (N/P) C004 (N/P)
C005 (N/P) F002 (N/P) G001 (N/P)
G002 (N/P) G003 (N/P) H001 (N/P)
H003 (N/P) I000 (N/P) J001 (N/P)
K001 (N/P) K002 (N/P) K003 (N/P)
O002 (N/P) O003 (N/P) O004 (N/P)

Software Classifications:
R001 R004 S001 S007 S010 T004
T037 T044 T046 T054 T064 T066
T068 T074 T085 T091 T095 T100
T113 T120 T132

Consulting Classifications:
X004 X009 X037 X044 X046 X047
X050 X051 X054 X064 X066 X068
X074 X076 X085 X088 X091 X095
X100 X107 X113 X120 X132

Other Information:
CICS; Telecommunications: JTAM; SNA; Feasibility Studies; JCL Conversions; System conversions MVS etc; System products support; Project management, planning; Training; New system installations

COMSHARE LIMITED
180 Attwell Drive
Rexdale, Ontario
M9W 6H4

Contact: Mr. Clive Edwards, Director of Marketing

Tel: (416) 675-6363
No. of employees: 150
Market Focus: Remote computing services for government & business
Trade Names: COMSHARE

Product Classifications (Cdn. Content %):
O002 (65%) W012 (100%)

Software Classifications (Distributed, produced, endproduct):
R001 R004 S001 S007 T004 T006
T020 T037 T039 T044 T046 T054
T067 T070 T074 T085 T091 T094
T097 T105 T113 T132

Consulting Classifications:
X004 X037 X054 X067 X070 X074
X085 Z001

Other Information:
Specialize in remote computing services in the area of Decision Support, dealing specifically with financial planning, personnel and data base management. Consulting services are available for program development. Training is provided for use of Comshare products.

Hamilton, Kitchener, London and Sarnia branch offices.

Cover-All Computer Services Ltd.
1645 Warden Ave.
Scarborough, Ont.
M1R 5B3

Contact: Mr. Robert Therien, President

Tel: (416)298-6170
No. of Employees: 50
Market Focus: Supplier of computerized accounting services.
Trade Names:

Product Classifications (Cdn. Content %):
O002 (100%) W012 (N/P)

Software Classifications:
T004 T039 T051 T054 T074 T085
T095 T097 T120

Consulting Classifications:
X004 X054 X074 X085 X095 X120

Other Information:
Offers automated insurance management system, policy maintenance, claims management, maintenance & reporting.

Crowntek Networks Inc.
650 McNicoll Ave.
Willowdale, Ont
M2H 2E1

Contact: S. Sen, V.P. & Gen. Mgr.

Tel: (416)499-1012
No. of Employees: 15
Market Focus: Software & Networking IBM/PCs
Trade Names: PROD/NET

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications:
R004 T120

Other Information:
Software for IBM persoanl computers; Hard/software to connect these in a "Work Area Network"; Networking software to share peripherals; Host software packages for IBM mainframes.

D.E. Systems Ltd.
1284 Wellington St.
Ottawa,Ont.
K1Y 3A9

Contact: Mr. Bruno A. Dugas, President

Tel: (613)729-5164
No. of employees: 75
Market Focus: Small business.
Trade Names: N/A

Product Classifications (Cdn. Content %):
O002 (100%) W002 (35%) W004 (100%)
W006 (35%) W007 (100%) W008 (35%)
W011 (35%) W012 (100%) W014 (100%)

Software Classifications:
T004 T044 T051 T066 T074 T085
T095 T120

Consulting Classifications:
X004 X044 X051 X066 X074 X085
X095 X120

Other Information:
Offers: 1. Inventory control, point-of-sale developed for automotive and motorcycle sales;2. Legal software for professional billing, word processing and trust accounting;3. Messenger service software for invoicing payroll, sales analysis;4. Financial services software for general ledger, accounts receivable, accounts payable.

Datacrown Inc.
650 McNicoll Ave.
Willowdale, Ont.
M2H 2E1

Contact: D.R. Cox, Vice-President

Tel: (416)499-1012
No. of Employees: 650
Market Focus: Remote processing services, information technology services
Trade Names: Datacrown Inc.

Product Classifications (Cdn. Content %):
W012 (100%) O002 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T070 T085 T095 T102 T105 T120
T132

Consulting Classifications:
X107

Other Information:
Replacing inhouse computers, overload processing, application processing; Facilities Management; Networking; Consulting Services; Shared Software-End User products/Information Center, Application Development Products, CICS, TSO, Databases; Proprietary Software-MVS/TSO enhancements, Utilities, Job Manager, Access-Security System, ALS-Tape Management System; Office Automation. Ontario Branch Offices: Toronto and Ottawa.

Mervin G. Faulkner Associates Ltd.
11 Mill St.
Hillsdale, Ont.
L0L 1V0

Contact: Mr. Mervin G. Faulkner, President

Tel: (705)835-3528
No. of employees: 7
Market Focus: Software packages and custom software
Trade Names: FLEXTRACT (TM)

Product Classifications (Cdn. Content %):
W012 (100%)

Software Classifications:
T004 T023 T080 T085 T094 T095 T117

Consulting Classifications:
X004 X023 X080 X085 X084 X095 X117

Other Information:
Specializes in three areas: 1. Public Utilities - including billing/AR, complete financial packages, meter and transformer management and inventory control. 2. Consulting Engineers - including Project Control, A/R, A/P, Payroll and General Ledger. 3. Information Retrieval - our productFlextract(TM) provides for simple, friendly access to all data stored on each record in a file. Available for the IBM S/34, S/36, S/38 and the IBM PC. Hillsdale office handles the Ontario Market.

Fulton Associates
1262 Don Mills Rd.
Suite 17
Don Mills, Ont.
M3B 2W7

Contact: W.D. Fulton, President

Tel: (416)447-7070
No. of Employees: 3
Market Focus: Business and government management in Ontario.
Trade Names:

Consulting Classifications:
X085 X095 X132

Other Information:
Areas of specialization: organization structure, organization and operation review, human resource planning and development, strategic planning, management training, productivity and service improvement, production and inventory management, facilities planning, management information systems, labour relations, collective bargaining, organization development.

High Tech Management Resources
111 Cottingham St.
#200
Toronto, Ont.
M4V 1B9

Contact: Mr. Gavin Pitchford, President

Tel: (416)927-8324 or (416)927-1122
No. of employees: 3
Market Focus: Computer consulting and personnel recruitment.
Trade Names:

Product Classifications (Cdn. Content %):
W002 (40%) W007 (N/P) W010 (40%)
W012 (60%) W015 (40%) W016 (40%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T064 T066 T074 T085 T095 T120

Consulting Classifications:
X004 X009 X016 X019 X023 X037
X047 X054 X064 X066 X067 X068
X070 X074 X085 X093 X094 X095
X096 X102 X105 X107 X111 X113
X117 X120

Other Information:
Provide Data Processing services: recruitment of data processing personnel, temporary (contract) consulting assignments in all areas, proprietary software product "Headhunter" for recruitment firms or corporate/government personnel departments, high contract personnel users, training provided in recruitment practises, advertising, interviewing, hiring. Hard/software evaluations for micro-computer purchaser.

High Tech Software Ltd.
111 Cottingham St.
Toronto, Ont.
M4V 1B9

Contact: Mr. Gavin Pitchford, President

Tel: (416)927-8324,(416)927-1122
No. of Employees: 4
Market Focus: Professionals accounting/office automation, software development.
Trade Names:

Product Classifications (Cdn. Content %):
W002 (40%) W010 (40%) W012 (100%)
W014 (40%) W015 (40%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T064 T066 T074 T085 T095 T120

Consulting Classifications:
X004 X064 X066 X074 X085 X095
X107 X120

Other Information:
Micro-computer software developmentsales, service and micro-computer distribution and marketing. Proprietary software products: "Headhunter"-management recruitment system. "Legal-ease" - legal word processing interface, legal accounting system. Distributes: Word star/Word Wizard/Spellbinder - word processing software. Accounts payable, accounts receivable, general ledger, time and billing accounting and CP/M, MP/M, MS-DOS,TURBO-DOS,ZERO-NET, micro-computer operating systems.

Houghton Mifflin Canada Ltd.
150 Steelcase Rd. West
Markham, Ont.
L3R 1B2

Contact: Sherry Pang, Software Editor

Tel: (416)475-1755
No. of employees: 19
Market Focus: Educational
Trade Names: N/A

Product Classifications (Cdn. Content %):
W012 (94%)

Software Classifications:
T032

Other Information:
Produces educational software. Offers a series of Math Activities Courseware for grade levels K-8. Each level has 15 to 18 programs accompanied by a Teacher's Manual with reproducible worksheets.

Steven Howard Associates
130 Old Forest Hill Rd.
Suite 403
Toronto, Ont.
M5P 2S1

Contact: Mr. Howard S. Rosen, Sole Proprietor

Tel: (416)782-9191
No. of employees: 1
Market Focus: Computer and financial analysis and consulting.
Trade Names: N/A

Consulting Classifications:
X004 X037 X046 X070 X074 X091
X105 X132

Other Information:
Area of specialization is the adaptation of hardware/software to user needs. Attention is paid in particular to financial and marketing related needs.

Impacts Management Inc.
424A Queen St.
Ottawa, Ont.
K1R 5A8

Contact: J.J. Donnelly, Vice-President, General Manager

Tel: (613)232-5622
No. of Employees: 10
Market Focus: Government
Trade Names:

Software Classifications:
T132

Consulting Classifications:
X132

Other Information:
Specializing in: program evaluation and administration, operational and financial auditing, EDP systems design and sudit, financial management.

Info-Electronics Systems Inc.
59 Desbarats
Kirkland, Que.
H9J 2N8

Contact: Dr. Harinder Ahluwalia, President

Tel: (514)695-0217
No. of Employees: 7
Market Focus: 1. Mini and micro computer systems;2. Software development techniques, software QA, software configuration management.
Trade Names:

Software Classifications:
T009 T044 T046 T093 T096

Consulting Classifications: X009 X044
X046 X093 X096 X102 X120

Other Information:
Specializes in: system analysis and development; software quality assurance methodology; configuration management methodology; testing methodology; system development life cycle methodology.

Inline Systems (126561 Canada Ltd.)
342 Consumers Rd.
Toronto, Ont.
M2J 1P8

Contact: G. Doherty, Vice President

Tel: (416)497-0928
No. of employees: 10
Market Focus: Computer furnishings
Trade Names: Inline Systems

Product Classifications (Cdn. Content %):
L000 (100%) M001 (100%)

Other Information:
Produces acoustical sound covers for computer printers.

Innovative Systems Group (division of
I.S.G. Technologies Inc.)
145 Cityview Dr.
Rexdale, Ont.
M9W 5A5

Contact: Mr. Ken Deaton, Technical Director

Tel: (416)243-8400
No. of Employees: 15
Market Focus: Contract research and development
Trade Names:

Product Classifications (Cdn. Content %):
B005 (75%) B008 (75%) C002 (75%)

Software Classifications:
T068 T102

Consulting Classifications:
X068 X093 X107

Other Information:
Provides research and development to organizations lacking technical expertise as well as offering contract engineering to other high-tech companies. The lab delivers systems which integrate hardware, high level and assembly level programming, and the man-machine interface. Experience has been gained in the fields of real-time control, distributed intelligence architecture, digital signal processing and telecommunications.

MCL Business Computers
180 Attwell Dr.
Rexdale, Ont.
M9W 6A9

Contact: J.H. Sweeney, Branch Manager

Tel: (416)675-3720
No. of employees: 65
Market Focus: Software and Turnkey Systems
Trade Names:

Product Classifications (Cdn. Content %):
W002 (N/P) W004 (N/P) W005 (N/P)
W006 (N/P) W010 (N/P) W011 (N/P)
W012 (100%) W013 (N/P) W014 (N/P)
W015 (N/P) W016 (N/P) O002 (100%)

Software Classifications:
R001 R004 S001 S007 S010 T004
T006 T009 T016 T019 T023 T037
T044 T046 T054 T066 T074 T076
T085 T094 T095 T117 T120

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X037 X044 X046 X054 X066 X074
X076 X085 X094 X095 X107 X117
X120

Other Information:
FLEET MANAGEMENT SYSTEM - A standalone motor vehicle record keeping system to monitor, track and control all aspects of operating a fleet of vehicles. An on-line, interactive system providing management, operational and cost reports at summary and detail levels of reporting. FOOD - Financial Management: Order Processing, Invoicing, Accounts Receivable, Sales Analysis, Purchase Orders, Accounts Payable, General Ledger and Financial Statements, Payroll. Inventory Management - Inventory Control, Bill of Materials, Product Costing. User Productivity Aids - Word Processing, Electronic Spreadsheet, Business Graphics, Statistics, Ad Hoc Enquiries on Data, Report Writer. Manufacturing - Manufacturing Processes, Job Costing. Program Development Tools and Operator Utilities and Database.

MacLaren/Strategies Inc.
517 Wellington St. W.
Suite 405
Toronto, Ont.
M5V 1G1

Contact: C.J. MacLaren, President

Tel: (416)591-8681
No. of Employees: 1
Market Focus: Marketing consulting to manufacturers of computer-based office products.
Trade Names:

Consulting Classifications:
X046 X070 X117

Other Information:
Specializes in developing marketing strategies for manufacturers of computer-based office products, particularly those companies with strong/engineering/manufacturing skills but little skill in marketing products to relatively unsophisticated end-users. Develops sales analyses, competitive analyses, product positioning direction, communications strategies and full programs. Has loose contacts with software specialists, particular communications software developers and venture capitalists, and can provide the overall direction for the development of new companies.

Marsh Associates
181 University Ave.
Suite 1802
Toronto, Ont.
M5H 3M7

Contact: Mr. Lou Marsh, Owner

Tel: (416)362-0749
No. of employees: 2
Market Focus: To help organizations manage their human resources more productively and more effectively.
Trade Names:

Consulting Classifications:
X044 X045 X046 X064 X080 X085
X117 X132

Other Information:
Provides consulting assistance in: recruiting management and executive staff; developing plans and systems for rewarding employees e.g.compensation, benefits, incentives; training in management skills and related topics; job evaluation; employee and labour relations; organization development; human resource research.

Microdesign Limited
1300 Bay St.
Toronto, Ont.
M5R 3K8

Contact: Debbie Furniss, Secretary

Tel: (416)922-4180
No. of employees: 23
Market Focus: Small graphics computers and satellite communications.
Trade Names:

Product Classifications (Cdn. Content %):
B005 (75%) C005 (60%)

Software Classifications:
R004 S007 S010 T020 T032 T096

Other Information:

Microvision Software (Canada) Ltd.
2000 Ellesmere Rd.
Unit #4
Scarborough, Ont.
M1H 2W4

Contact: Mr. Richard Gosk, President

Tel: (416)431-7333
No. of Employees:
Market Focus: Business
Trade Names:

Software Classifications:
R001 T004 T019 T050 T074 T076
T085 T094 T102 T105 T120

Consulting Classifications:
X004 X019 X050 X074 X076 X085
X094 X102 X105 X120

Other Information:
Vehicle Maintenance.

Micro Design Systems
36-262 Kenora Ave.
Hamilton, Ont.
L8E 3Y3

Contact: Chris J. MacLellan, Sole Proprietor

Tel: (416)561-3453
No. of Employees: 1
Market Focus: Small business consulting
Trade Names:

Software Classifications:
T004 T068 T070 T074 T085 T085
T093 T094 T095 T102 T105 T120

Consulting Classifications:
X004 X068 X070 X074 X085 X093
X094 X095 X102 X105 X120

Other Information:

National Computer Services
123 Bellamy Rd. N.
Suite 111
Scarborough, Ont.
M1S 2K9

Contact: Adlai Allison, Manager

Tel: (416)439-7632
No. of employees: 1
Market Focus: N/A
Trade Names:

Product Classifications (Cdn. Content %):
W002 (50%) W004 (50%) W006 (50%)
W008 (50%) W011 (50%) W014 (50%)

Other Information:
Specializes in purchasing and sales of DEC (Digital Equipment) and compatible equipments.

PLV Phone Line Videoconferencing
12 Sheppard St.
Ste. 500
Toronto, Ont.
M5H 3A1

Contact: Mr. Victor Pacione, Director of Marketing

Tel: (416)365-1899
No. of Employees: 4
Market Focus: Videoconferencing and remote visual interactive electronic communications for business, industry and government
Trade Names:

Product Classification:
C005

Other Information:
Specializes in high tech equipment for remote visual electronic communications. Slow scan or freeze frame video, images over standard telephone lines, or any audio bandwidth or channel. Applications in the following areas: videoconferencing, telemedicine/telehealth, tele-education, customer support, security monitoring/surveillance, remote traffic monitoring, telemetering.

Phase-Dimensia V Management Consultants
95 Thorncliffe Pk. Dr.
Ste. 310
Toronto, Ont.
M4H 1L7

Contact: Mr. Sal W. Fasullo, President

Tel: (416)421-9641
No. of employees: 5
Market Focus: Management systems consulting (computer-related).
Trade Names: Co operative on Information Technology; University of Toronto; University of Waterloo

Consulting Classifications:
X004 X032 X037 X044 X045 X046
X051 X054 X064 X066 X070 X074
X076 X080 X085 X095 X100 X102
X105 X107 X117 X120 X132 Z001

Other Information:
Offers:PROJECT MANAGEMENT of large-to-small scale computer-based systems development projects. STRUCTURED SYSTEMS DEVELOPMENT including Enterprise Requirement Analysis, Structured Systems Design and Top-Down Implementation. CORPORATE INFORMATION ENGINEERING using data management and information modellingtechniques to develop business communication system networks, distributed data bases, and the formulation of strategic planning and implementation strategies. DATA ADMINISTRATION design, including job design for the Enterprise, Data Base and Applications Administrators. Also the customization of Data Base Development Methodologies, with a Corporate Data Dictionary. OFFICE SYSTEMS DEVELOPMENT and implementation with the design of an information on business and communication network, and a time-phased implementation strategy for office automation.

Phippard & Associates Strategic and Technological Consulting Inc.
94 Knollsbrook Dr.
Nepean, Ont.
K2J 1L8

Contact: Mr. Gary Phippard, President

Tel: (613)825-1893
No. of Employees: 2
Market Focus: Management consulting in the business, strategic and technical aspects of new info technologies.
Trade Names: Phippard and Associates

Product Classifications (Cdn. Content %):
W008 (100%) W012 (100%)

Consulting Classifications:
X004 X044 X046 X066 X074 X107
X120

Other Information:
Specialization:strategic planning and evaluation (including pilot project design); technological consulting (trends, standards, feasibility, design); procurement assistance (needs analysis, solution search, tendering); implementation assistance (project management, planning, testing, etc.). Products: Several are available through Phippard and Associates from associated companies. Education: Specialized (standard and custom) courses and seminars are offered on all aspects of Videotex, teletext and related business graphics, and Telidon technologies and applications in particular.

Picture Data Inc.
344 Bloor St. West
Suite 201
Toronto, Ont.
M5S 1W9

Contact: Pat Nicholls, President

Tel: (416)968-3610
No. of employees: 7
Market Focus: Videotex and transaction processing
Trade Names: PDI, UNITASC

Product Classification:
O002 (100%)

Software Classifications:
R001 R004 S010 T009 T020 T039
T044 T045 T046 T067 T081 T117
T120

Other Information:
Products:UNITASC-transaction software for videotex, house banking, etc. Based on University of Waterloo Telidon project under CCNG, 1981. Point of purchase display systems for MSDOS, CP/M machines.

Plessey Peripheral Systems
3395 American Drive
Mississauga, Ont.
L4V 1T5

Contact: Mr. Howard Chadwick, Marketing Representative

Tel: (416)677-5410
No. of Employees: 15
Market Focus: DEC based computing equipment manufacturer
Trade Names: Plessey Peripheral Systems

Product Classifications (Cdn. Content %):
W002 (50%) W004 (50%) W005 (50%)
W006 (50%) W008 (50%) W011 (50%)
W012 (50%) W013 (50%) W014 (50%)
W015 (50%)

Software Classifications:
S007 T120

Other Information:
Large multi-national manufacturer with 250 offices in 130 countries. Software is limited to DEC operating systems and packages. Hardware product lin is directly interchangeable with DEC equipment. Full service included.

PRISM
214 King St. W.
Ste. 414
Toronto, Ont.
M5H 1K4

Contact: Mr. Edward T. Klecan, Marketing Representative

Tel: (416)598-3414
No. of employees: 30
Market Focus: Consulting Services
Trade Names:

Consulting Classifications:
X004 X009 X023 X037 X039 X044
X046 X047 X054 X074 X076 X080
X081 X085 X088 X095 X097 X107
X117 X120

Other Information:

Real Time Datapro Ltd.
797 Don Mills Rd.
Don Mills, Ont.
M3C 1V1

Contact:

Tel:
No. of employees: 180
Market Focus: Total system solutions to general insurance and municipal government
Trade Names: Real Time

Software Classifications:
T046 T054

Consulting Classifications:
X046 X054

Other Information:

Satellite Computer Communication System Ltd.
200 Glendale Ave. N.
Hamilton, Ont.
L8L 7K3

Contact: Mr. Demetre Tziougras, Marketing Representative

Tel: (416)547-6105
No. of Employees: 15
Market Focus:
Trade Names: Satellite Computer & Communication Systems Limited

Software Classifications:
T004 T006 T016 T023 T039 T044
T046 T054 T070 T074 T080 T085
T094 T095 T097 T102 T105 T111
T117 T132

Consulting Classifications:
X004 X006 X016 X023 X039 X044
X046 X054 X070 X080 X085 X094
X105 X111 X117 X132

Other Information:

Software AG of Canada
1425 Bishop St.
Cambridge, Ont.
N1R 6J9

Contact: Mr. Michael Keir, Marketing Executive

Tel: (519)653-6142
No. of employees: 15
Market Focus: Computer Software
Trade Names: ADABAS, NATURAL, COM-PLETE

Product Classifications (Cdn. Content %):
O002 (100%) W012 (50%)

Software Classifications:
R001 R004 S001 S010

Other Information:
PRODUCT LINE DESCRIPTION: ADABAS, the adaptable data base management system, is a large scale, data storage/retrieval system designed to facilitate the sharing of important information. It is a relational-like data base that employs flexible inverted list architecture in a dynamic, management-orientated environment. NATURAL is an interactive programming language development tool that is extremely user friendly and increases programmers productivity by 1000%. COM-PLETE is a teleprocessing monitor and interactive program development system. It is multi-threaded and integrates all teleprocessing functions into one package. ENVIRONMENT - Hardware - IBM 370, 43XX, 30XX, DEC VAX; Software - IBM DOS, VM, OS, MVS, DEC VMS. Branch offices in Toronto, Ottawa, Edmonton and Calgary.

Sonoptic Communications and Media Corporation
44 Bayswater Ave.
Suite 100
Ottawa, Ont.
K1Y 4K3

Contact: Mr. David Shaw, Managing Director

Tel: (613)725-0332
No. of Employees: 7
Market Focus: Users of information technologies.
Trade Names: Sonoptic Communications

Consulting Classifications:
X004 X006 X032 X067 X074 X081
X085 X095 X100 X117 X120 Z001

Other Information:
Services include: 1. Telidon - system design; market plans; content development; project management; training and seminars. 2. Print Publishing - all aspects of editorial, production and management, including modelling. 3. Educational Technologies - project management; marketing; course design etc. in CAI/CAL; video and film; audio-visual, etc.

Southern Systems (Canada) Inc.
1110 Sheppard Ave. E.
Unit #15
Willowdale, Ont.
M2K 2W2

Contact: Mr. Bill Rasberry, General Manager

Tel: (416)229-2588
No. of employees: 3
Market Focus: High speed printer sales to large computer sites.
Trade Names: MERCURION

Product Classifications (Cdn. Content %):
W011 (37%)

Other Information:
Distributes line printers (Cdn. content 37%) and page printers (Cdn. content 65%). Latest product introduction is a 60 page per minute, non-impact printer, the MERCURION.

United Information Services of Canada, Ltd.
1 Yonge St.
Suite 1706
Toronto, Ont.
M5E 1E5

Contact: Mr. Mario E. D'Alessio, Vice-President & Gen. Manager, Cdn. Operations

Tel: (416)863-6707
No. of Employees: 43
Market Focus: Computer related consulting, distributer and implementer of software products, services bureau.
Trade Names: United Telecom Computer Group

Product Classifications (Cdn. Content %):
W012 (60%) O002 (60%)

Software Classifications:
R001 R004 S010 T004 T019 T023
T037 T054 T070 T074 T080 T085
T091 T094 T095 T102 T105 T132

Consulting Classifications:
X004 X006 X009 X016 X019 X023
X032 X037 X039 X044 X045 X046
X047 X050 X051 X054 X064 X066
X068 X070 X074 X076 X080 X081
X085 X088 X091 X093 X094 X095
X096 X097 X100 X102 X105 X107
X111 X113 X117 X120 X132 Z001

Other Information:
Products: INFORM - 4th generation language which runs on DEC, VAX and PDP. Has an integrated Data-Base Manager and an easy to use Screen Manager to allow for un-initiated as well as expert user interaction. SEED - a CODASYL compliant data base with the unique capability of being totally transportable across a wide spectrum of computers such as: All IBM mainframes, IBM P/C, Superminicomputers like DEC's VAX, System/10, System/20, PDP, Prime, Perkin-Elmer and more. Has two basic components: An application Development Component for intenxe application development, supporting either Cobol or Fortran, and, a Decision Support System, with integrated color graphic capabilities and help oriented options.

UTLAS Inc.
80 Bloor St. W.
Toronto, Ont.
M5S 2V1

Contact: Wyley L. Powell, Public Relations and Information Officer

Tel:
No. of employees: 172
Market Focus: Libraries
Trade Names: CATSS, ACCORD, REFCATSS

Product Classifications (Cdn. Content %):
0002 (97%)

Software Classifications:
T067

Consulting Classifications:
X067

Other Information:
Maintains a database of cataloguing information containing nearly 21 million records. Customers share this information thus saving on the cost of original cataloguing. A public reference system (REFCATSS) is also available, as is an on-line book ordering system (ACCORD). Fund accounting and periodicals control are available through the microcomputer-based INNOVACQ system marketed by UTLAS (but developed in California).

ONTARIO MINISTRY OF INDUSTRY AND TRADE

LET'S DO BUSINESS

Province of Ontario
Queen's Park
Toronto, Canada
M7A 2E1

Frank S. Miller
Minister
George S. MacDonell
Deputy Minister

I 13/83 Printed in Canada

CLASSIFICATION CODES

Cross referenced to products/services

HARDWARE PERIPHERALS COMPONENTS

B000	computer components
B001	main frames
B003	minicomputers
B005	microcomputers
B008	process control
C002	graphics systems
C004	plotters/hardcopy devices
C005	computer/microprocessor controlled equipment
D006	magnetic ink character recognition
D008	optical character recognition
D014	voice input/output
F002	printers
F004	COM equipment
G001	disk drives
G002	magnetic tape drives
G003	memory devices
H001	terminals
H003	teleprinters
I000	peripheral controllers
J001	word processing
J002	facsimile
K001	disk pack/cartridges
K002	flexible disks
K003	magnetic tape media
L000	computer supplies
M001	furniture/storage/support
M002	electrical power control and security
O001	common carriers
O002	service bureaus
O003	modems/telephone couplers
O004	multiplexors/concentrators

SOFTWARE

R001	data base
R004	communications/networking
S001	compilers/languages
S007	operating systems
S010	utilities/programming and system development aids
T004	accounting
T006	agriculture, forestries and fisheries
T009	banking, savings and loan/credit bureaus
T016	chemicals and allied products
T019	CAD/CAM graphics
T020	CAI/CAL Industrial/ Business Environment
T023	construction
T032	CAI/CAL Academic Environment
T037	financial analysis and reporting
T039	hospitality industry
T044	federal
T045	statutes/regulations
T046	provincial and local
T047	health services
T050	diagnosis
T051	hosp./institutional administration
T054	insurance
T064	research/statutes/regulations/ cases
T066	word processing (legal)/ office automation
T067	library systems
T068	machine control
T070	economic modeling and analysis
T074	marketing/sales
T076	medical insurance claims processing/physicians billing
T080	natural resources—mining/ wood/petroleum
T081	newspaper industry/typesetting
T085	payroll/personnel
T088	pharmacy
T091	portfolio analysis/management/ estate planning
T093	process control/instrumentation
T094	production/inventory control
T095	purchasing
T096	radio/TV broadcasting/cable TV
T097	real estate
T100	reservation systems/ travel agencies
T102	engineering/scientific
T105	statistical/mathematical/ research/analysis
T111	textiles & clothing
T113	traffic control
T117	utilities, transportation, communications
T120	word processing/office automation
T132	management sciences

DISTRIBUTORS—HARDWARE SOFTWARE

W002	computers
W004	data communications equipment
W005	data entry equipment
W006	disk equipment
W007	furniture/storage equipment
W008	media/supplies
W010	plotters
W011	printers
W012	software
W013	tape equipment
W014	terminals
W015	word processors
W016	computers/microprocessor controlled equipment

CONSULTANTS

X004	accounting
X006	agriculture, forestries, fisheries
X009	banking, savings and loan/ credit bureaus
X016	chemicals & allied products
X019	CAD/CAM graphics
X023	construction
X032	CAI/CAL Academic Environment
X037	financial analysis and reporting
X039	hospitality industry
X044	federal
X045	statutes/regulations
X046	provincial and local
X047	health services
X050	diagnosis
X051	hospital/institutional administration
X054	insurance
X064	research/statutes/regulations/ cases
X066	word processing (legal)/office automation
X067	library systems
X068	machine control
X070	economic modeling & analysis
X074	marketing/sales
X076	medical insurance claims processing/physicians billing
X080	natural resources—mining/ wood/petroleum
X081	newspaper industry/typesetting
X085	payroll/personnel
X088	pharmacy
X091	portfolio analysis/management/ estate planning
X093	process control/instrumentation
X094	production/inventory control
X095	purchasing
X096	radio/TV broadcasting/cable TV
X097	real estate
X100	reservation systems/travel agencies
X102	engineering/scientific
X105	statistical/mathematical/ research/analysis
X107	data base; communications networking; compilers/ languages; operating systems; utilities/programming & system development aids
X111	textiles and clothing
X113	traffic control
X117	utilities, transportation, communications
X120	word processing/office automation
X132	management sciences
Z001	CAI/CAL Industrial/Business Training